APPENDIX F

Laboratory Data Packages
(Included on Disk)

Exposure Point HS-8

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

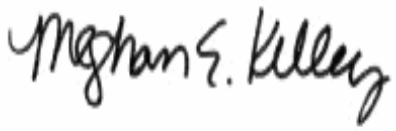
July 25, 2011

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

Project Location: City of NB - NBHS (HS-8)
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0421

Enclosed are results of analyses for samples received by the laboratory on July 15, 2011. 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: 7/25/2011

PURCHASE ORDER NUMBER: TBD

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0421

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 NB - NBHS (HS-8)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-368 (0-1)	11G0421-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-368 (1-2.5)	11G0421-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-369 (0-1)	11G0421-03	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-369 (1-3)	11G0421-04	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-370 (0-1)	11G0421-05	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-370 (1-3)	11G0421-06	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
SB-370D (1-3)	11G0421-07	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	

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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 8270, only PAH compounds were requested and reported.

SW-846 8082A

Qualifications:

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

11G0421-01[SB-368 (0-1)], 11G0421-02[SB-368 (1-2.5)]

SW-846 8270D

Qualifications:

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:

Pyrene

11G0421-01[SB-368 (0-1)], 11G0421-02[SB-368 (1-2.5)], 11G0421-03[SB-369 (0-1)], 11G0421-04[SB-369 (1-3)], 11G0421-05[SB-370 (0-1)], 11G0421-06[SB-370 (1-3)], 11G0421-07[SB-370D (1-3)], B033709-BLK1, B033709-BS1, B033709-BSD1

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 NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (0-1) Sampled: 7/15/2011 09:50

Sample ID: 11G0421-01

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 8270D	7/15/11	7/22/11 17:14	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:14	BGL
Pyrene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 17:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	67.4	30-130		7/22/11 17:14
2-Fluorobiphenyl	70.7	30-130		7/22/11 17:14
Terphenyl-d14	81.2	30-130		7/22/11 17:14

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (0-1) Sampled: 7/15/2011 09:50

Sample ID: 11G0421-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:13	PJG

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	**192**	*	30-150	S-12	7/20/11 1:13
Decachlorobiphenyl [2]	143		30-150		7/20/11 1:13
Tetrachloro-m-xylene [1]	148		30-150		7/20/11 1:13
Tetrachloro-m-xylene [2]	115		30-150		7/20/11 1:13

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (0-1) Sampled: 7/15/2011 09:50

Sample ID: 11G0421-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Barium	17	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Chromium	6.0	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Lead	17	0.85	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Mercury	0.030	0.028	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:30	CWB
Nickel	3.3	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Vanadium	13	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH
Zinc	19	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:03	KSH

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (0-1) Sampled: 7/15/2011 09:50

Sample ID: 11G0421-01

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	89.6		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (1-2.5) Sampled: 7/15/2011 10:00

Sample ID: 11G0421-02

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 8270D	7/15/11	7/22/11 15:20	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:20	BGL
Pyrene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 15:20	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	55.9	30-130		7/22/11 15:20
2-Fluorobiphenyl	58.4	30-130		7/22/11 15:20
Terphenyl-d14	68.1	30-130		7/22/11 15:20

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (1-2.5) Sampled: 7/15/2011 10:00

Sample ID: 11G0421-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1221 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1232 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1242 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1248 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1254 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1260 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1262 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG
Aroclor-1268 [2]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:26	PJG

Surrogates	% Recovery		Recovery Limits	Flag	
Decachlorobiphenyl [1]	**151**	*	30-150	S-12	7/20/11 1:26
Decachlorobiphenyl [2]	112		30-150		7/20/11 1:26
Tetrachloro-m-xylene [1]	134		30-150		7/20/11 1:26
Tetrachloro-m-xylene [2]	102		30-150		7/20/11 1:26

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (1-2.5) Sampled: 7/15/2011 10:00

Sample ID: 11G0421-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Barium	18	2.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Chromium	9.4	0.55	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Lead	11	0.82	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Mercury	0.029	0.027	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:32	CWB
Nickel	4.7	0.55	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Vanadium	15	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH
Zinc	16	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:07	KSH

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-368 (1-2.5) Sampled: 7/15/2011 10:00

Sample ID: 11G0421-02

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	89.4		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (0-1) Sampled: 7/15/2011 10:40

Sample ID: 11G0421-03

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 8270D	7/15/11	7/22/11 15:58	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 15:58	BGL
Pyrene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 15:58	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.7	30-130		7/22/11 15:58
2-Fluorobiphenyl	68.6	30-130		7/22/11 15:58
Terphenyl-d14	71.6	30-130		7/22/11 15:58

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (0-1) Sampled: 7/15/2011 10:40

Sample ID: 11G0421-03

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 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:39	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	128	30-150		7/20/11 1:39
Decachlorobiphenyl [2]	95.0	30-150		7/20/11 1:39
Tetrachloro-m-xylene [1]	95.7	30-150		7/20/11 1:39
Tetrachloro-m-xylene [2]	72.8	30-150		7/20/11 1:39

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (0-1) Sampled: 7/15/2011 10:40

Sample ID: 11G0421-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Barium	16	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Chromium	6.1	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Lead	15	0.85	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Mercury	0.029	0.028	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:33	CWB
Nickel	3.1	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Vanadium	11	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH
Zinc	17	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:13	KSH

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (0-1) Sampled: 7/15/2011 10:40

Sample ID: 11G0421-03

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
% Solids	88.0		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (1-3) Sampled: 7/15/2011 10:45

Sample ID: 11G0421-04

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 8270D	7/15/11	7/22/11 14:42	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 14:42	BGL
Pyrene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 14:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	60.3	30-130		7/22/11 14:42
2-Fluorobiphenyl	65.1	30-130		7/22/11 14:42
Terphenyl-d14	71.3	30-130		7/22/11 14:42

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (1-3) Sampled: 7/15/2011 10:45

Sample ID: 11G0421-04

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 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:52	PJG

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	129	30-150		7/20/11	1:52
Decachlorobiphenyl [2]	96.4	30-150		7/20/11	1:52
Tetrachloro-m-xylene [1]	98.4	30-150		7/20/11	1:52
Tetrachloro-m-xylene [2]	74.0	30-150		7/20/11	1:52

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (1-3) Sampled: 7/15/2011 10:45

Sample ID: 11G0421-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Barium	23	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Chromium	7.8	0.56	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Lead	6.8	0.84	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:39	CWB
Nickel	5.9	0.56	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Vanadium	13	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH
Zinc	13	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:18	KSH

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-369 (1-3) Sampled: 7/15/2011 10:45

Sample ID: 11G0421-04

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	90.6		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (0-1) Sampled: 7/15/2011 11:10

Sample ID: 11G0421-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Acenaphthylene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Benzo(a)anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Benzo(a)pyrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Benzo(b)fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Benzo(g,h,i)perylene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Benzo(k)fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Chrysene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Dibenz(a,h)anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Fluorene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Indeno(1,2,3-cd)pyrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
2-Methylnaphthalene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Naphthalene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Phenanthrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 18:28	BGL
Pyrene	ND	0.61	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 18:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag		
Nitrobenzene-d5	80.3	30-130		7/22/11	18:28
2-Fluorobiphenyl	96.7	30-130		7/22/11	18:28
Terphenyl-d14	77.8	30-130		7/22/11	18:28

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (0-1) Sampled: 7/15/2011 11:10

Sample ID: 11G0421-05

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	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1221 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1232 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1242 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1248 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1254 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1260 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1262 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG
Aroclor-1268 [1]	ND	0.18	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	137	30-150		7/20/11 2:05
Decachlorobiphenyl [2]	99.8	30-150		7/20/11 2:05
Tetrachloro-m-xylene [1]	133	30-150		7/20/11 2:05
Tetrachloro-m-xylene [2]	99.1	30-150		7/20/11 2:05

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (0-1) Sampled: 7/15/2011 11:10

Sample ID: 11G0421-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	4.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Arsenic	ND	4.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Barium	44	4.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Beryllium	ND	0.45	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Cadmium	ND	0.45	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Chromium	12	0.89	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Lead	68	1.3	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Mercury	0.080	0.045	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:41	CWB
Nickel	6.8	0.89	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Selenium	ND	8.9	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Silver	ND	0.89	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Thallium	ND	4.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Vanadium	22	1.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH
Zinc	49	1.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:43	KSH

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (0-1) Sampled: 7/15/2011 11:10

Sample ID: 11G0421-05

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
% Solids	55.5		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (1-3) Sampled: 7/15/2011 11:20

Sample ID: 11G0421-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Acenaphthylene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Benzo(a)anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Benzo(a)pyrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Benzo(b)fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Benzo(g,h,i)perylene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Benzo(k)fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Chrysene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Dibenz(a,h)anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Fluorene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
2-Methylnaphthalene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Naphthalene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Phenanthrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 16:36	BGL
Pyrene	ND	0.24	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 16:36	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	64.2	30-130		7/22/11 16:36
2-Fluorobiphenyl	68.6	30-130		7/22/11 16:36
Terphenyl-d14	55.5	30-130		7/22/11 16:36

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (1-3) Sampled: 7/15/2011 11:20

Sample ID: 11G0421-06

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	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	118	30-150		7/20/11 2:18
Decachlorobiphenyl [2]	85.3	30-150		7/20/11 2:18
Tetrachloro-m-xylene [1]	111	30-150		7/20/11 2:18
Tetrachloro-m-xylene [2]	81.8	30-150		7/20/11 2:18

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (1-3) Sampled: 7/15/2011 11:20

Sample ID: 11G0421-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Arsenic	ND	3.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Barium	25	3.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Beryllium	ND	0.35	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Cadmium	ND	0.35	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Chromium	13	0.70	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Lead	15	1.1	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Mercury	0.037	0.034	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 15:43	CWB
Nickel	5.5	0.70	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Selenium	ND	7.0	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Silver	ND	0.70	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Thallium	ND	3.5	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Vanadium	22	1.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH
Zinc	24	1.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:48	KSH

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370 (1-3) Sampled: 7/15/2011 11:20

Sample ID: 11G0421-06

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	71.2		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370D (1-3) Sampled: 7/15/2011 11:30

Sample ID: 11G0421-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Acenaphthylene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Benzo(a)anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Benzo(a)pyrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Benzo(b)fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Benzo(g,h,i)perylene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Benzo(k)fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Chrysene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Dibenz(a,h)anthracene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Fluoranthene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Fluorene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Indeno(1,2,3-cd)pyrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
2-Methylnaphthalene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Naphthalene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Phenanthrene	ND	0.24	mg/Kg dry	1		SW-846 8270D	7/15/11	7/22/11 17:51	BGL
Pyrene	ND	0.24	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/22/11 17:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	66.0	30-130		7/22/11 17:51
2-Fluorobiphenyl	71.8	30-130		7/22/11 17:51
Terphenyl-d14	54.5	30-130		7/22/11 17:51

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370D (1-3) Sampled: 7/15/2011 11:30

Sample ID: 11G0421-07

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	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 2:31	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		7/20/11 2:31
Decachlorobiphenyl [2]	90.7	30-150		7/20/11 2:31
Tetrachloro-m-xylene [1]	113	30-150		7/20/11 2:31
Tetrachloro-m-xylene [2]	82.3	30-150		7/20/11 2:31

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Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370D (1-3) Sampled: 7/15/2011 11:30

Sample ID: 11G0421-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Arsenic	ND	3.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Barium	24	3.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Beryllium	ND	0.34	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Cadmium	ND	0.34	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Chromium	13	0.69	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Lead	18	1.0	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Mercury	0.038	0.035	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 13:42	CWB
Nickel	5.4	0.69	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Selenium	ND	6.9	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Silver	ND	0.69	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Thallium	ND	3.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Vanadium	25	1.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH
Zinc	25	1.4	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 17:53	KSH

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

Project Location: City of NB - NBHS (HS-8) Sample Description: Work Order: 11G0421

Date Received: 7/15/2011

Field Sample #: SB-370D (1-3) Sampled: 7/15/2011 11:30

Sample ID: 11G0421-07

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	70.8		% Wt	1		SM 2540G	7/18/11	7/19/11 8:26	VAF

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0421-01 [SB-368 (0-1)]	B033800	07/18/11
11G0421-02 [SB-368 (1-2.5)]	B033800	07/18/11
11G0421-03 [SB-369 (0-1)]	B033800	07/18/11
11G0421-04 [SB-369 (1-3)]	B033800	07/18/11
11G0421-05 [SB-370 (0-1)]	B033800	07/18/11
11G0421-06 [SB-370 (1-3)]	B033800	07/18/11
11G0421-07 [SB-370D (1-3)]	B033800	07/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-01 [SB-368 (0-1)]	B033791	0.984	50.0	07/18/11
11G0421-02 [SB-368 (1-2.5)]	B033791	1.02	50.0	07/18/11
11G0421-03 [SB-369 (0-1)]	B033791	1.00	50.0	07/18/11
11G0421-04 [SB-369 (1-3)]	B033791	0.985	50.0	07/18/11
11G0421-05 [SB-370 (0-1)]	B033791	1.01	50.0	07/18/11
11G0421-06 [SB-370 (1-3)]	B033791	0.999	50.0	07/18/11
11G0421-07 [SB-370D (1-3)]	B033791	1.03	50.0	07/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-07 [SB-370D (1-3)]	B033780	0.607	50.0	07/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-01 [SB-368 (0-1)]	B033782	0.609	50.0	07/18/11
11G0421-02 [SB-368 (1-2.5)]	B033782	0.620	50.0	07/18/11
11G0421-03 [SB-369 (0-1)]	B033782	0.604	50.0	07/18/11
11G0421-04 [SB-369 (1-3)]	B033782	0.621	50.0	07/18/11
11G0421-05 [SB-370 (0-1)]	B033782	0.602	50.0	07/18/11
11G0421-06 [SB-370 (1-3)]	B033782	0.616	50.0	07/18/11

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-01 [SB-368 (0-1)]	B033792	10.0	50.0	07/18/11
11G0421-02 [SB-368 (1-2.5)]	B033792	10.0	50.0	07/18/11
11G0421-03 [SB-369 (0-1)]	B033792	10.0	50.0	07/18/11
11G0421-04 [SB-369 (1-3)]	B033792	10.1	50.0	07/18/11
11G0421-05 [SB-370 (0-1)]	B033792	10.1	50.0	07/18/11
11G0421-06 [SB-370 (1-3)]	B033792	10.0	50.0	07/18/11
11G0421-07 [SB-370D (1-3)]	B033792	10.0	50.0	07/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-01 [SB-368 (0-1)]	B033709	30.0	1.00	07/15/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0421-02 [SB-368 (1-2.5)]	B033709	30.0	1.00	07/15/11
11G0421-03 [SB-369 (0-1)]	B033709	30.0	1.00	07/15/11
11G0421-04 [SB-369 (1-3)]	B033709	30.0	1.00	07/15/11
11G0421-05 [SB-370 (0-1)]	B033709	30.0	2.00	07/15/11
11G0421-06 [SB-370 (1-3)]	B033709	30.0	1.00	07/15/11
11G0421-07 [SB-370D (1-3)]	B033709	30.0	1.00	07/15/11

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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 B033709 - SW-846 3546										
Blank (B033709-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	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							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							R-05
Surrogate: Nitrobenzene-d5	*3.38*		mg/Kg wet	3.33		101	30-130			
Surrogate: 2-Fluorobiphenyl	*3.45*		mg/Kg wet	3.33		103	30-130			
Surrogate: Terphenyl-d14	*3.20*		mg/Kg wet	3.33		96.1	30-130			
LCS (B033709-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Acenaphthene	1.54	0.17	mg/Kg wet	1.67		92.2	40-140			
Acenaphthylene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140			
Anthracene	1.56	0.17	mg/Kg wet	1.67		93.5	40-140			
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		89.9	40-140			
Benzo(a)pyrene	1.50	0.17	mg/Kg wet	1.67		90.3	40-140			
Benzo(b)fluoranthene	1.49	0.17	mg/Kg wet	1.67		89.6	40-140			
Benzo(g,h,i)perylene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140			
Benzo(k)fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.3	40-140			
Chrysene	1.54	0.17	mg/Kg wet	1.67		92.6	40-140			
Dibenz(a,h)anthracene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140			
Fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140			
Fluorene	1.66	0.17	mg/Kg wet	1.67		99.6	40-140			
Indeno(1,2,3-cd)pyrene	1.68	0.17	mg/Kg wet	1.67		101	40-140			
2-Methylnaphthalene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140			
Naphthalene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140			
Phenanthrene	1.53	0.17	mg/Kg wet	1.67		91.9	40-140			
Pyrene	1.52	0.17	mg/Kg wet	1.67		91.0	40-140			R-05
Surrogate: Nitrobenzene-d5	*3.28*		mg/Kg wet	3.33		98.5	30-130			
Surrogate: 2-Fluorobiphenyl	*3.43*		mg/Kg wet	3.33		103	30-130			
Surrogate: Terphenyl-d14	*3.64*		mg/Kg wet	3.33		109	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 B033709 - SW-846 3546											
LCS Dup (B033709-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11							
Acenaphthene	1.45	0.17	mg/Kg wet	1.67		86.7	40-140	6.12		30	
Acenaphthylene	1.42	0.17	mg/Kg wet	1.67		85.1	40-140	5.89		30	
Anthracene	1.48	0.17	mg/Kg wet	1.67		88.8	40-140	5.20		30	
Benzo(a)anthracene	1.44	0.17	mg/Kg wet	1.67		86.4	40-140	4.02		30	
Benzo(a)pyrene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140	2.97		30	
Benzo(b)fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	4.75		30	
Benzo(g,h,i)perylene	1.22	0.17	mg/Kg wet	1.67		73.2	40-140	10.8		30	
Benzo(k)fluoranthene	1.53	0.17	mg/Kg wet	1.67		91.8	40-140	1.71		30	
Chrysene	1.47	0.17	mg/Kg wet	1.67		88.2	40-140	4.80		30	
Dibenz(a,h)anthracene	1.28	0.17	mg/Kg wet	1.67		76.6	40-140	11.4		30	
Fluoranthene	1.51	0.17	mg/Kg wet	1.67		90.4	40-140	3.24		30	
Fluorene	1.68	0.17	mg/Kg wet	1.67		101	40-140	1.47		30	
Indeno(1,2,3-cd)pyrene	1.50	0.17	mg/Kg wet	1.67		90.3	40-140	11.0		30	
2-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.3	40-140	1.69		30	
Naphthalene	1.39	0.17	mg/Kg wet	1.67		83.3	40-140	5.17		30	
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.8	40-140	4.52		30	
Pyrene	1.06	0.17	mg/Kg wet	1.67		63.9	40-140	**35.1**	*	30	R-05
Surrogate: Nitrobenzene-d5	*2.91*		mg/Kg wet	3.33		87.4	30-130				
Surrogate: 2-Fluorobiphenyl	*2.81*		mg/Kg wet	3.33		84.4	30-130				
Surrogate: Terphenyl-d14	*2.47*		mg/Kg wet	3.33		74.2	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 B033792 - SW-846 3540C										
Blank (B033792-BLK1)				Prepared: 07/18/11 Analyzed: 07/20/11						
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	*0.250*		mg/Kg wet	0.200		125	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.222*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			
LCS (B033792-BS1)				Prepared: 07/18/11 Analyzed: 07/20/11						
Aroclor-1016	0.25	0.10	mg/Kg wet	0.200		126	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		123	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg wet	0.200		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		92.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.158*		mg/Kg wet	0.200		78.8	30-150			
LCS Dup (B033792-BSD1)				Prepared: 07/18/11 Analyzed: 07/20/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140	9.53	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	3.54	30	
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		124	40-140	0.382	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140	4.33	30	
Surrogate: Decachlorobiphenyl	*0.250*		mg/Kg wet	0.200		125	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.1	30-150			

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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 B033780 - SW-846 7471										
Blank (B033780-BLK1)				Prepared & Analyzed: 07/18/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B033780-BS1)				Prepared & Analyzed: 07/18/11						
Mercury	1.11	0.095	mg/Kg wet	1.25		88.8	66-132			
LCS Dup (B033780-BSD1)				Prepared & Analyzed: 07/18/11						
Mercury	1.09	0.093	mg/Kg wet	1.25		86.8	66-132	2.24	30	
Batch B033782 - SW-846 7471										
Blank (B033782-BLK1)				Prepared & Analyzed: 07/18/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B033782-BS1)				Prepared & Analyzed: 07/18/11						
Mercury	1.30	0.092	mg/Kg wet	1.25		104	66-132			
LCS Dup (B033782-BSD1)				Prepared & Analyzed: 07/18/11						
Mercury	1.26	0.094	mg/Kg wet	1.25		101	66-132	3.04	30	
Batch B033791 - SW-846 3050B										
Blank (B033791-BLK1)				Prepared & Analyzed: 07/18/11						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B033791-BS1)				Prepared & Analyzed: 07/18/11						
Antimony	97.7	5.0	mg/Kg wet	122		80.1	30-219			
Arsenic	89.5	5.0	mg/Kg wet	92.6		96.6	83.2-117.4			
Barium	171	5.0	mg/Kg wet	169		101	83.1-116.9			
Beryllium	61.8	0.50	mg/Kg wet	62.4		99.0	83.7-116.2			
Cadmium	61.9	0.50	mg/Kg wet	61.8		100	80.7-119.1			
Chromium	69.6	1.0	mg/Kg wet	71.3		97.6	80.6-119.9			
Lead	84.9	1.5	mg/Kg wet	92.4		91.9	78.9-121.1			
Nickel	56.2	1.0	mg/Kg wet	59.1		95.1	81.2-118.3			
Selenium	83.8	10	mg/Kg wet	89.5		93.6	79.2-120.3			
Silver	32.9	1.0	mg/Kg wet	34.4		95.7	66.3-133.7			
Thallium	120	5.0	mg/Kg wet	123		97.4	77.8-121.6			
Vanadium	59.1	2.0	mg/Kg wet	59.2		99.8	76.8-123.6			
Zinc	144	2.0	mg/Kg wet	141		102	81.9-117.7			

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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 B033791 - SW-846 3050B										
LCS (B033791-BS2)				Prepared & Analyzed: 07/18/11						
Lead	0.778	0.73	mg/Kg wet	0.727		107	80-120			
LCS Dup (B033791-BSD1)				Prepared & Analyzed: 07/18/11						
Antimony	93.2	5.1	mg/Kg wet	122		76.4	30-219	4.68	30	
Arsenic	91.2	5.1	mg/Kg wet	92.6		98.5	83.2-117.4	1.93	30	
Barium	174	5.1	mg/Kg wet	169		103	83.1-116.9	2.03	30	
Beryllium	61.1	0.51	mg/Kg wet	62.4		98.0	83.7-116.2	0.996	30	
Cadmium	61.4	0.51	mg/Kg wet	61.8		99.3	80.7-119.1	0.928	30	
Chromium	69.9	1.0	mg/Kg wet	71.3		98.1	80.6-119.9	0.436	30	
Lead	86.9	1.5	mg/Kg wet	92.4		94.1	78.9-121.1	2.35	30	
Nickel	55.3	1.0	mg/Kg wet	59.1		93.6	81.2-118.3	1.55	30	
Selenium	85.7	10	mg/Kg wet	89.5		95.8	79.2-120.3	2.31	30	
Silver	33.0	1.0	mg/Kg wet	34.4		95.8	66.3-133.7	0.0894	30	
Thallium	121	5.1	mg/Kg wet	123		98.5	77.8-121.6	1.15	30	
Vanadium	59.6	2.0	mg/Kg wet	59.2		101	76.8-123.6	0.879	30	
Zinc	136	2.0	mg/Kg wet	141		96.2	81.9-117.7	5.85	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 B033800 - % Solids										
Duplicate (B033800-DUP2)	**Source: 11G0421-02**		Prepared: 07/18/11 Analyzed: 07/19/11							
% Solids	89.7		% Wt		89.4			0.335	20	

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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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Antimony	CT,NH,NY,NC,ME
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Beryllium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Nickel	CT,NH,NY,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
Thallium	CT,NH,NY,ME,NC
Vanadium	CT,NH,NY,ME,NC
Zinc	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC
Fluorene	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Phenanthrene	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

Page 1 of 1

1LG0421

Company Name: TRC
Address: 650 Suffolk Street, Lowell MA 01854
Attention: David Sullivan
Project Location: City of NB — NBHS (HS-8)
Sampled By: J. Saunders

Telephone: 978-656-3565
Project #: 115058
Client PO#: TBD

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

Project Proposal Provided? (for billing purposes)
☒ yes 7997 proposal date

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	ANALYSIS REQUESTED: PAHs (8270C)	PCBs (Soxhlet Extraction) (8082)	MCP-14 Metals + Hg	# of Containers	** Preservation	***Container Code
-1	SB-368 (0-1)	7/15/11	0950		X	S	U	X	X	X			
-2	SB-368 (1-2.5)		1000					X	X	X			
-3	SB-369 (0-1)		1040					X	X	X			
-4	SB-369 (1-3)		1045					X	X	X			
-5	SB-370 (0-1)		1110					X	X	X			
-6	SB-370 (1-3)		1120					X	X	X			
-7	SB-370D (1-3)	7/15/11	1130		X	S	U	X	X	X			(Ambers)

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

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

	Date/Time:
Relinquished by: (signature)	7/15/11 1315
Received by: (signature)	7-15-11 1345
Relinquished by: (signature)	7-15-11 1927
Received by: (signature) 3.8°C	7/15/11 1929

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

Detection Limit Requirements
Massachusetts: MCP S-1/S-2/S-3 (Per Quote)
Connecticut:
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
P: 413-525-2332
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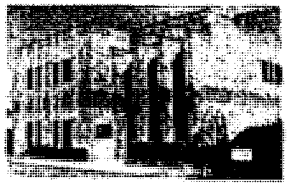
Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: [signature] DATE: 7/15/11

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

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 3.8°~

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	12
250 mL Amber (8oz amber)	2	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0421
Project Location: City of NB - NBHS (HS-8)	RTN:

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

11G0421-01 thru 11G0421-07

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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]
	<u>Data User Note:</u> 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: 07/25/11

Tree Root Zone

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

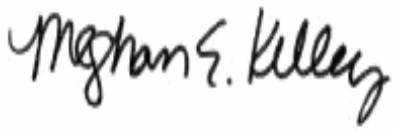
July 18, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0223

Enclosed are results of analyses for samples received by the laboratory on July 11, 2011. 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: 7/18/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0223

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HF-43 0-1 NW/NE/SW/SE - Composite	11G0223-10	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
HF-43 1-3 NW/NE/SW/SE - Composite	11G0223-11	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	

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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 Cd and Pb results were requested and reported.

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

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

Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 0-1 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-10

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 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1254 [2]	0.40	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 13:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		7/13/11 13:50
Decachlorobiphenyl [2]	117	30-150		7/13/11 13:50
Tetrachloro-m-xylene [1]	128	30-150		7/13/11 13:50
Tetrachloro-m-xylene [2]	133	30-150		7/13/11 13:50

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Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 0-1 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 13:48	KSH
Lead	43	0.83	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 13:48	KSH

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Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 0-1 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-10

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	90.7		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 1-3 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-11

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	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1254 [2]	1.3	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/11/11	7/13/11 14:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	108	30-150		7/13/11 14:02
Decachlorobiphenyl [2]	110	30-150		7/13/11 14:02
Tetrachloro-m-xylene [1]	118	30-150		7/13/11 14:02
Tetrachloro-m-xylene [2]	122	30-150		7/13/11 14:02

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Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 1-3 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.50	0.25	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 13:52	KSH
Lead	130	0.76	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 13:52	KSH

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Project Location: New Bedford | Sample Description: | Work Order: 11G0223

Date Received: 7/11/2011

Field Sample #: HF-43 1-3 NW/NE/SW/SE - Composite | Sampled: 7/11/2011 00:00

Sample ID: 11G0223-11

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	96.1		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0223-10 [HF-43 0-1 NW/NE/SW/SE - Composite]	B033764	07/15/11
11G0223-11 [HF-43 1-3 NW/NE/SW/SE - Composite]	B033764	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0223-10 [HF-43 0-1 NW/NE/SW/SE - Composite]	B033719	0.996	50.0	07/15/11
11G0223-11 [HF-43 1-3 NW/NE/SW/SE - Composite]	B033719	1.03	50.0	07/15/11

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0223-10 [HF-43 0-1 NW/NE/SW/SE - Composite]	B033461	10.1	50.0	07/11/11
11G0223-11 [HF-43 1-3 NW/NE/SW/SE - Composite]	B033461	10.0	50.0	07/11/11

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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 B033461 - SW-846 3540C										
Blank (B033461-BLK1)				Prepared: 07/11/11 Analyzed: 07/13/11						
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	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.245*		mg/Kg wet	0.200		123	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.257*		mg/Kg wet	0.200		129	30-150			
LCS (B033461-BS1)				Prepared: 07/11/11 Analyzed: 07/13/11						
Aroclor-1016	0.27	0.10	mg/Kg wet	0.200		135	40-140			
Aroclor-1016 [2C]	0.27	0.10	mg/Kg wet	0.200		133	40-140			
Aroclor-1260	0.26	0.10	mg/Kg wet	0.200		129	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg wet	0.200		132	40-140			
Surrogate: Decachlorobiphenyl	*0.244*		mg/Kg wet	0.200		122	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.249*		mg/Kg wet	0.200		124	30-150			
Surrogate: Tetrachloro-m-xylene	*0.255*		mg/Kg wet	0.200		128	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.264*		mg/Kg wet	0.200		132	30-150			
LCS Dup (B033461-BSD1)				Prepared: 07/11/11 Analyzed: 07/13/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		118	40-140	12.7	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		128	40-140	4.51	30	
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		125	40-140	3.46	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140	4.10	30	
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.238*		mg/Kg wet	0.200		119	30-150			
Surrogate: Tetrachloro-m-xylene	*0.243*		mg/Kg wet	0.200		122	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.254*		mg/Kg wet	0.200		127	30-150			

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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 B033719 - SW-846 3050B										
Blank (B033719-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Cadmium	ND	0.25	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B033719-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Cadmium	67.8	0.51	mg/Kg wet	61.8		110	80.7-119.1			
Lead	92.1	1.5	mg/Kg wet	92.4		99.7	78.9-121.1			
LCS (B033719-BS2)				Prepared: 07/15/11 Analyzed: 07/18/11						
Lead	0.706	0.75	mg/Kg wet	0.749		94.2	80-120			
LCS Dup (B033719-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Cadmium	67.9	0.52	mg/Kg wet	61.8		110	80.7-119.1	0.122	30	
Lead	90.1	1.5	mg/Kg wet	92.4		97.5	78.9-121.1	2.17	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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Cadmium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

1160223

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA
Attention: DAVID SULLIVAN.
Project Location: NEW BEDFORD NBHS RAM
Sampled By: JASON FIERO

Telephone: 978-970-5600
Project # 1015058
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: TOTAL Cd, Pb	ANALYSIS REQUESTED: PCBs BY SOXHLET EXTRACTION
	HF-43 NW 0-1'	7/7	14:20			S	4	1	1	G	H	H
	HF-43 NW 1-3'	7/7	14:25			S	4	1	1	G	H	H
	HF-43 NE 0-1'	7/8	11:00			S	4	1	1	G	H	H
	HF-43 NE 1-3'	7/8	11:05			S	4	1	1	G	H	H
	HF-43 SW 0-1'	7/8	14:00			S	4	1	1	G	H	H
	HF-43 SW 1-3'	7/8	14:05			S	4	1	1	G	H	H
	HF-43 SE 0-1'	7/11	9:25			S	4	1	1	G	H	H
	HF-43 SE 1-3'	7/11	9:30			S	4	1	1	G	H	H
	D-1	7/11	9:35			S	4	1	1	G	H	H
	LAB PREP. 2 COMP. 0-1 & 1-3' SEE COMMENTS	7/11									✓	✓

Comments: PREPARE COMPOSITE HF-43 0-1' NW, NE, SW, SE EQUAL PARTS. 0-1'
HF-43 1-3' NW, NE, SW, SE 1-3'

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

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_____

Relinquished by: (signature)	Date/Time:
James C. Fiero	7/11/11 11:25
Received by: (signature)	Date/Time:
Steph Malfa	7.11.11 1725
Relinquished by: (signature)	Date/Time:
Steph Malfa	7.11.11 1725
Received by: (signature)	Date/Time:
Paula Blakeboro	7/11/11 1725

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: MCP S1
Connecticut:
Other:

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: PB DATE: 7.11.11

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

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 4.1

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) 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	20
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
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 _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0223
Project Location: New Bedford	RTN:

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

11G0223-10 thru 11G0223-11

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 Director

Printed Name: Michael A. Erickson Date: 07/18/11

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ANALYTICAL LABORATORY
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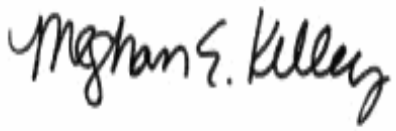
July 21, 2011

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

Project Location: New Bedford NBHS Ram
Client Job Number:
Project Number: 1015058
Laboratory Work Order Number: 11G0390

Enclosed are results of analyses for samples received by the laboratory on July 14, 2011. 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: 7/21/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 1015058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0390

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 NBHS Ram

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HB-23 E/N/W 0-1	11G0390-07	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
HB-23 E/N/W 1-3	11G0390-08	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	

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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 Ba, Cr, and Pb results were requested and reported.

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B033792-MS1, B033792-MSD1

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 NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 0-1 | Sampled: 7/11/2011 18:10

Sample ID: 11G0390-07

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 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1254 [1]	1.0	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 0:47	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		7/20/11 0:47
Decachlorobiphenyl [2]	105	30-150		7/20/11 0:47
Tetrachloro-m-xylene [1]	105	30-150		7/20/11 0:47
Tetrachloro-m-xylene [2]	75.9	30-150		7/20/11 0:47

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Project Location: New Bedford NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 0-1 | Sampled: 7/11/2011 18:10

Sample ID: 11G0390-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Barium	54	2.6	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:54	KSH
Chromium	8.6	0.53	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:54	KSH
Lead	87	0.79	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:54	KSH

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Project Location: New Bedford NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 0-1 | Sampled: 7/11/2011 18:10

Sample ID: 11G0390-07

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	91.5		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: New Bedford NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 1-3 | Sampled: 7/11/2011 18:30

Sample ID: 11G0390-08

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 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1254 [1]	0.73	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/18/11	7/20/11 1:00	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		7/20/11 1:00
Decachlorobiphenyl [2]	86.6	30-150		7/20/11 1:00
Tetrachloro-m-xylene [1]	108	30-150		7/20/11 1:00
Tetrachloro-m-xylene [2]	79.9	30-150		7/20/11 1:00

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Project Location: New Bedford NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 1-3 | Sampled: 7/11/2011 18:30

Sample ID: 11G0390-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Barium	240	2.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:59	KSH
Chromium	15	0.53	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:59	KSH
Lead	770	0.80	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 18:59	KSH

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Project Location: New Bedford NBHS Ram | Sample Description: | Work Order: 11G0390

Date Received: 7/14/2011

Field Sample #: HB-23 E/N/W 1-3 | Sampled: 7/11/2011 18:30

Sample ID: 11G0390-08

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	91.7		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0390-07 [HB-23 E/N/W 0-1]	B033766	07/15/11
11G0390-08 [HB-23 E/N/W 1-3]	B033766	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0390-07 [HB-23 E/N/W 0-1]	B033756	1.03	50.0	07/15/11
11G0390-08 [HB-23 E/N/W 1-3]	B033756	1.03	50.0	07/15/11

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0390-07 [HB-23 E/N/W 0-1]	B033792	10.0	50.0	07/18/11
11G0390-08 [HB-23 E/N/W 1-3]	B033792	10.1	50.0	07/18/11

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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 B033792 - SW-846 3540C										
Blank (B033792-BLK1)				Prepared: 07/18/11 Analyzed: 07/20/11						
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	*0.250*		mg/Kg wet	0.200		125	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.222*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			
LCS (B033792-BS1)				Prepared: 07/18/11 Analyzed: 07/20/11						
Aroclor-1016	0.25	0.10	mg/Kg wet	0.200		126	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		123	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg wet	0.200		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		92.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.158*		mg/Kg wet	0.200		78.8	30-150			
LCS Dup (B033792-BSD1)				Prepared: 07/18/11 Analyzed: 07/20/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140	9.53	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	3.54	30	
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		124	40-140	0.382	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140	4.33	30	
Surrogate: Decachlorobiphenyl	*0.250*		mg/Kg wet	0.200		125	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		82.1	30-150			

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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 B033792 - SW-846 3540C											
Matrix Spike (B033792-MS1)	**Source: 11G0390-08**			Prepared: 07/18/11 Analyzed: 07/20/11							
Aroclor-1016	0.82	0.11	mg/Kg dry	0.218	0.0	**375**	*	40-140			MS-21
Aroclor-1016 [2C]	0.39	0.11	mg/Kg dry	0.218	0.0	**179**	*	40-140			MS-21
Aroclor-1260	0.51	0.11	mg/Kg dry	0.218	0.0	**235**	*	40-140			MS-21
Aroclor-1260 [2C]	0.46	0.11	mg/Kg dry	0.218	0.0	**211**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.254*		mg/Kg dry	0.218		116		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg dry	0.218		86.6		30-150			
Surrogate: Tetrachloro-m-xylene	*0.237*		mg/Kg dry	0.218		109		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.171*		mg/Kg dry	0.218		78.6		30-150			
Matrix Spike Dup (B033792-MSD1)	**Source: 11G0390-08**			Prepared: 07/18/11 Analyzed: 07/20/11							
Aroclor-1016	0.90	0.11	mg/Kg dry	0.218	0.0	**411**	*	40-140	9.26	50	MS-21
Aroclor-1016 [2C]	0.43	0.11	mg/Kg dry	0.218	0.0	**195**	*	40-140	8.34	50	MS-21
Aroclor-1260	0.61	0.11	mg/Kg dry	0.218	0.0	**280**	*	40-140	17.7	50	MS-21
Aroclor-1260 [2C]	0.55	0.11	mg/Kg dry	0.218	0.0	**250**	*	40-140	17.1	50	MS-21
Surrogate: Decachlorobiphenyl	*0.311*		mg/Kg dry	0.218		143		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.234*		mg/Kg dry	0.218		107		30-150			
Surrogate: Tetrachloro-m-xylene	*0.290*		mg/Kg dry	0.218		133		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg dry	0.218		100		30-150			

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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 B033756 - SW-846 3050B										
Blank (B033756-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Barium	ND	2.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B033756-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Barium	168	5.0	mg/Kg wet	169		99.2	83.1-116.9			
Chromium	67.4	0.99	mg/Kg wet	71.3		94.5	80.6-119.9			
Lead	87.3	1.5	mg/Kg wet	92.4		94.5	78.9-121.1			
LCS (B033756-BS2)				Prepared: 07/15/11 Analyzed: 07/18/11						
Lead	0.735	0.75	mg/Kg wet	0.747		98.3	80-120			
LCS Dup (B033756-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Barium	168	5.0	mg/Kg wet	169		99.3	83.1-116.9	0.132	30	
Chromium	69.2	1.0	mg/Kg wet	71.3		97.1	80.6-119.9	2.69	30	
Lead	89.9	1.5	mg/Kg wet	92.4		97.3	78.9-121.1	2.98	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.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Barium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

1160390

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD NBHS RAM.
Sampled By: JASON FIERO

Telephone: 978-970-5600
Project # 1015058
Client PO#

DATA DELIVERY (check all that apply)
O FAX ✓EMAIL ✓WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.com
Format: ✓PDF ✓EXCEL OGIS
O OTHER
O "Enhanced Data Package"

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

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 Ba, Pb, Cr	PCBs by SOXHLET EXTRACTION
01	HB-23 E 0-1'	7/11/11	13:50			S	4	H	H
02	HB-23 E 1-3'	7/11/11	13:55			S	4	H	H
03	HB-23 N 0-1'	7/12/11	13:30			S	4	H	H
04	HB-23 N 1-3'	7/12/11	13:35			S	4	H	H
05	HB-23 W 0-1'	7/13/11	10:15			S	4	H	H
06	HB-23 W 1-3'	7/13/11	10:20			S	4	H	H
07	HB-23 COMP 0-1'	7/13/11	18:10	✓		S	4	✓	✓
08	HB-23 COMP 1-3'	7/13/11	18:30	✓		S	4	✓	✓

	10	10										
# of Containers	1	1										
** Preservation												
***Container Code	G	G										

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O 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: H - HOLD SUBSET OF COMP.

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:
Received by: (signature)	Date/Time: 7/14/11 1425
Relinquished by: (signature)	Date/Time: 7/14/11 2020
Received by: (signature)	Date/Time: 7/14/11 2020

Turnaround ††
❒ 7-Day
❒ 10-Day
☑ Other 5 DAY
RUSH †
❒ †24-Hr ❒ †48-Hr
❒ †72-Hr ❒ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: MCP S-1
Connecticut:
Other:

Is your project MCP or RCP ?
✓ MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

CLIENT NAME: TRC RECEIVED BY: SD DATE: 7/14/11

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

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 5.5 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 RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) 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	10
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0390
Project Location: New Bedford NBHS Ram	RTN:

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

11G0390-07 thru 11G0390-08

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 Director

Printed Name: Michael A. Erickson Date: 07/21/11

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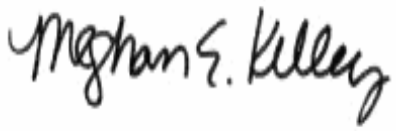
August 29, 2011

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

Project Location: NBHS New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0888

Enclosed are results of analyses for samples received by the laboratory on August 23, 2011. 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: 8/29/2011

PURCHASE ORDER NUMBER: 36223

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0888

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

PROJECT LOCATION: NBHS New Bedford, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Tree-TI-1 (0-1)	11H0888-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
Tree-TI-1 (1-3)	11H0888-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	

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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 As, Ba, Cd, Cr, and Pb results were requested and reported.

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: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (0-1) | Sampled: 8/22/2011 14:00

Sample ID: 11H0888-01

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	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.7	30-150		8/25/11 21:44
Decachlorobiphenyl [2]	87.4	30-150		8/25/11 21:44
Tetrachloro-m-xylene [1]	84.4	30-150		8/25/11 21:44
Tetrachloro-m-xylene [2]	89.3	30-150		8/25/11 21:44

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Project Location: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (0-1) | Sampled: 8/22/2011 14:00

Sample ID: 11H0888-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:32	OP
Barium	15	2.8	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:32	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:32	OP
Chromium	5.0	0.55	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:32	OP
Lead	16	0.83	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:32	OP

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Project Location: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (0-1) | Sampled: 8/22/2011 14:00

Sample ID: 11H0888-01

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	84.1		% Wt	1		SM 2540G	8/25/11	8/26/11 8:52	VAF

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Project Location: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (1-3) | Sampled: 8/22/2011 14:05

Sample ID: 11H0888-02

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 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 21:58	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		8/25/11 21:58
Decachlorobiphenyl [2]	90.9	30-150		8/25/11 21:58
Tetrachloro-m-xylene [1]	86.4	30-150		8/25/11 21:58
Tetrachloro-m-xylene [2]	92.0	30-150		8/25/11 21:58

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Project Location: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (1-3) | Sampled: 8/22/2011 14:05

Sample ID: 11H0888-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:57	OP
Barium	6.4	2.6	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:57	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:57	OP
Chromium	2.1	0.52	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:57	OP
Lead	5.8	0.78	mg/Kg dry	1		SW-846 6010C	8/26/11	8/27/11 17:57	OP

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Project Location: NBHS New Bedford, MA | Sample Description: | Work Order: 11H0888

Date Received: 8/23/2011

Field Sample #: Tree-TI-1 (1-3) | Sampled: 8/22/2011 14:05

Sample ID: 11H0888-02

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	91.8		% Wt	1		SM 2540G	8/25/11	8/26/11 8:52	VAF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0888-01 [Tree-TI-1 (0-1)]	B036188	08/25/11
11H0888-02 [Tree-TI-1 (1-3)]	B036188	08/25/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0888-01 [Tree-TI-1 (0-1)]	B036314	1.07	50.0	08/26/11
11H0888-02 [Tree-TI-1 (1-3)]	B036314	1.04	50.0	08/26/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0888-01 [Tree-TI-1 (0-1)]	B036057	10.1	50.0	08/24/11
11H0888-02 [Tree-TI-1 (1-3)]	B036057	10.1	50.0	08/24/11

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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 B036057 - SW-846 3546										
Blank (B036057-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
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	*0.156*		mg/Kg wet	0.200		77.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.157*		mg/Kg wet	0.200		78.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS (B036057-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Surrogate: Decachlorobiphenyl	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.223*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B036057-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		121	40-140	5.37	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		131	40-140	8.93	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		116	40-140	6.45	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	5.88	30	
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120	30-150			

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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 B036314 - SW-846 3050B										
Blank (B036314-BLK1)				Prepared: 08/26/11 Analyzed: 08/27/11						
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							
LCS (B036314-BS1)				Prepared: 08/26/11 Analyzed: 08/27/11						
Arsenic	91.4	4.8	mg/Kg wet	92.6		98.7	83.2-117.4			
Barium	173	4.8	mg/Kg wet	169		102	83.1-116.9			
Cadmium	61.5	0.48	mg/Kg wet	61.8		99.5	80.7-119.1			
Chromium	66.9	0.96	mg/Kg wet	71.3		93.8	80.6-119.9			
Lead	89.8	1.4	mg/Kg wet	92.4		97.2	78.9-121.1			
LCS (B036314-BS2)				Prepared: 08/26/11 Analyzed: 08/27/11						
Lead	0.744	0.74	mg/Kg wet	0.741		100	80-120			
LCS Dup (B036314-BSD1)				Prepared: 08/26/11 Analyzed: 08/27/11						
Arsenic	95.2	4.8	mg/Kg wet	92.6		103	83.2-117.4	4.13	30	
Barium	175	4.8	mg/Kg wet	169		104	83.1-116.9	1.43	30	
Cadmium	63.5	0.48	mg/Kg wet	61.8		103	80.7-119.1	3.24	30	
Chromium	69.8	0.96	mg/Kg wet	71.3		97.9	80.6-119.9	4.25	30	
Lead	92.6	1.4	mg/Kg wet	92.4		100	78.9-121.1	3.08	30	
Duplicate (B036314-DUP1)	**Source: 11H0888-01**			Prepared: 08/26/11 Analyzed: 08/27/11						
Arsenic	ND	2.9	mg/Kg dry		ND			NC	35	
Barium	16.2	2.9	mg/Kg dry		14.6			10.5	35	
Cadmium	ND	0.29	mg/Kg dry		ND			NC	35	
Chromium	5.26	0.58	mg/Kg dry		4.96			5.73	35	
Lead	19.1	0.88	mg/Kg dry		16.1			17.0	35	
Matrix Spike (B036314-MS1)	**Source: 11H0888-01**			Prepared: 08/26/11 Analyzed: 08/27/11						
Arsenic	26.8	2.8	mg/Kg dry	28.1	1.95	88.4	75-125			
Barium	43.8	2.8	mg/Kg dry	28.1	14.6	104	75-125			
Cadmium	26.5	0.28	mg/Kg dry	28.1	ND	94.3	75-125			
Chromium	32.6	0.56	mg/Kg dry	28.1	4.96	98.3	75-125			
Lead	42.3	0.84	mg/Kg dry	28.1	16.1	93.4	75-125			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com

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EAST LONGMEADOW, MA 01028

CHAIN OF CUSTODY RECORD

11H0888

Company Name: TRC
Address: 650 Suffolk St
Lowell, MA 01854
Attention: David Sullivan
Project Location: NBHS New Bedford, MA
Sampled By: A Drouin

Telephone: (978) 970-5600
Project # 115058
Client PO # 36223

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 ____ proposal date

State Form Required? ☒ yes ☐ no

									PCBs	As	Ba	Cd	Cr	Pb					
# of containers									2	2	2	2	2	2					
**Preservation									I	I	I	I	I	I					
~Cont.Code									G	G	G	G	G	G					
Field ID	**Sample Description**	**Lab #**	**Date Sampled: Start Date/Time**	**Stop Date/Time**	**Composite**	**Grab**	***Matrix Code**	**Conc. Code**											
01	Tree-TI-1 (0-1)		8/22/11	1400	X		S	U	X	X	X	X	X	X	(Hold)				
02	Tree-TI-1 (1-3)		8/22/11	1405	X		S	U	X	X	X	X	X	X	(Hold)				

Run all samples, per Dawn Fiero 8/24/11 9:05 TP

ANALYSIS REQUESTED

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

Client Comments:

Laboratory Comments:
Hold All Samples
CONTACT DENNIS TUTTLE FOR INSTRUCTIONS.

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:
[signature]	8/23/11 11:13am
Received by: (signature) [signature]	8/23/11 1173
Relinquished by: (signature) [signature]	8/23/11 16:05
Received by: (signature) [signature] 3.8	8/23/11 1605

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

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

***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

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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 8/23

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

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 3.8

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H0888
Project Location: NBHS New Bedford, MA	RTN:

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

11H0888-01 thru 11H0888-02

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 Director

Printed Name: Michael A. Erickson Date: 08/29/11

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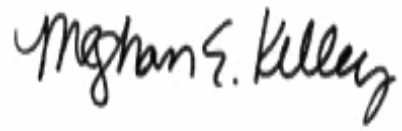
September 29, 2011

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

Project Location: NBHS New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1096

Enclosed are results of analyses for samples received by the laboratory on August 26, 2011. 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: 9/29/2011

PURCHASE ORDER NUMBER: 36223

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1096

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

PROJECT LOCATION: NBHS New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TREE-TI 2 0-1 ft	11H1096-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-TI 2 1-3 ft	11H1096-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-TI 3 0-1 ft	11H1096-03	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-TI 3 1-3 ft	11H1096-04	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	

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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 - 09/29/2011 - Revised sample receipt checklist scanned into report and sample -03 dilution factor and sample result were revised due to typographical error. .

For method 6010, only results for As, Ba, Cd, Cr and Pb were requested and reported.

SW-846 6010C

Qualifications:

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Barium

11H1096-01[TREE-TI 2 0-1 ft], B036443-MS1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Barium

11H1096-01[TREE-TI 2 0-1 ft]

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Barium, Chromium

11H1096-01[TREE-TI 2 0-1 ft], B036443-DUP1

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B036375-MS1, B036375-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H1096-03[TREE-TI 3 0-1 ft]

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

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: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 0-1 ft | Sampled: 8/25/2011 09:50

Sample ID: 11H1096-01

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 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1254 [2]	0.15	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 21:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		8/30/11 21:57
Decachlorobiphenyl [2]	104	30-150		8/30/11 21:57
Tetrachloro-m-xylene [1]	109	30-150		8/30/11 21:57
Tetrachloro-m-xylene [2]	122	30-150		8/30/11 21:57

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 0-1 ft | Sampled: 8/25/2011 09:50

Sample ID: 11H1096-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 19:46	OP
Barium	46	2.7	mg/Kg dry	1	MS-11, MS-12, R-02	SW-846 6010C	8/30/11	8/31/11 19:46	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 19:46	OP
Chromium	8.6	0.54	mg/Kg dry	1	R-02	SW-846 6010C	8/30/11	8/31/11 19:46	OP
Lead	49	0.81	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 19:46	OP

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 0-1 ft | Sampled: 8/25/2011 09:50

Sample ID: 11H1096-01

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	89.2		% Wt	1		SM 2540G	9/1/11	9/2/11 7:47	EAH

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 1-3 ft | Sampled: 8/25/2011 09:55

Sample ID: 11H1096-02

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 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1254 [2]	0.16	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 22:10	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		8/30/11 22:10
Decachlorobiphenyl [2]	103	30-150		8/30/11 22:10
Tetrachloro-m-xylene [1]	107	30-150		8/30/11 22:10
Tetrachloro-m-xylene [2]	119	30-150		8/30/11 22:10

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 1-3 ft | Sampled: 8/25/2011 09:55

Sample ID: 11H1096-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:22	OP
Barium	14	2.6	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:22	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:22	OP
Chromium	3.4	0.52	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:22	OP
Lead	13	0.78	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:22	OP

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 2 1-3 ft | Sampled: 8/25/2011 09:55

Sample ID: 11H1096-02

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	94.5		% Wt	1		SM 2540G	9/1/11	9/2/11 7:47	EAH

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 0-1 ft | Sampled: 8/25/2011 13:05

Sample ID: 11H1096-03

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	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1221 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1232 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1242 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1248 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1254 [1]	20	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1260 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1262 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG
Aroclor-1268 [1]	ND	2.2	mg/Kg dry	20		SW-846 8082A	8/29/11	8/31/11 9:37	PJG

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Decachlorobiphenyl [1]	*	30-150	S-01	8/31/11 9:37
Decachlorobiphenyl [2]	*	30-150	S-01	8/31/11 9:37
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/31/11 9:37
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/31/11 9:37

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 0-1 ft | Sampled: 8/25/2011 13:05

Sample ID: 11H1096-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.7	2.7	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:43	OP
Barium	2500	2.7	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:43	OP
Cadmium	5.3	0.27	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:43	OP
Chromium	260	0.54	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:43	OP
Lead	790	0.81	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:43	OP

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 0-1 ft | Sampled: 8/25/2011 13:05

Sample ID: 11H1096-03

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
% Solids	90.4		% Wt	1		SM 2540G	9/1/11	9/2/11 7:47	EAH

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 1-3 ft | Sampled: 8/25/2011 13:10

Sample ID: 11H1096-04

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	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1248 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1254 [1]	2.5	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1260 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	2		SW-846 8082A	8/29/11	8/31/11 9:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.8	30-150		8/31/11 9:50
Decachlorobiphenyl [2]	116	30-150		8/31/11 9:50
Tetrachloro-m-xylene [1]	83.1	30-150		8/31/11 9:50
Tetrachloro-m-xylene [2]	94.9	30-150		8/31/11 9:50

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 1-3 ft | Sampled: 8/25/2011 13:10

Sample ID: 11H1096-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	2.9	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:48	OP
Barium	7000	2.9	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:48	OP
Cadmium	5.2	0.29	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:48	OP
Chromium	390	0.58	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:48	OP
Lead	3000	0.86	mg/Kg dry	1		SW-846 6010C	8/30/11	8/31/11 21:48	OP

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Project Location: NBHS New Bedford | Sample Description: | Work Order: 11H1096

Date Received: 8/26/2011

Field Sample #: TREE-TI 3 1-3 ft | Sampled: 8/25/2011 13:10

Sample ID: 11H1096-04

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	81.6		% Wt	1		SM 2540G	9/1/11	9/2/11 7:47	EAH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H1096-01 [TREE-TI 2 0-1 ft]	B036580	09/01/11
11H1096-02 [TREE-TI 2 1-3 ft]	B036580	09/01/11
11H1096-03 [TREE-TI 3 0-1 ft]	B036580	09/01/11
11H1096-04 [TREE-TI 3 1-3 ft]	B036580	09/01/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1096-01 [TREE-TI 2 0-1 ft]	B036443	1.03	50.0	08/30/11
11H1096-02 [TREE-TI 2 1-3 ft]	B036443	1.02	50.0	08/30/11
11H1096-03 [TREE-TI 3 0-1 ft]	B036443	1.03	50.0	08/30/11
11H1096-04 [TREE-TI 3 1-3 ft]	B036443	1.06	50.0	08/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1096-01 [TREE-TI 2 0-1 ft]	B036375	10.1	50.0	08/29/11
11H1096-02 [TREE-TI 2 1-3 ft]	B036375	10.0	50.0	08/29/11
11H1096-03 [TREE-TI 3 0-1 ft]	B036375	10.1	50.0	08/29/11
11H1096-04 [TREE-TI 3 1-3 ft]	B036375	10.0	50.0	08/29/11

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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 B036375 - SW-846 3546										
Blank (B036375-BLK1)				Prepared & Analyzed: 08/29/11						
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	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
LCS (B036375-BS1)				Prepared & Analyzed: 08/29/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B036375-BSD1)				Prepared & Analyzed: 08/29/11						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		130	40-140	12.4	30	
Aroclor-1016 [2C]	0.27	0.10	mg/Kg wet	0.200		135	40-140	8.11	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140	5.06	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	5.17	30	
Surrogate: Decachlorobiphenyl	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg wet	0.200		119	30-150			

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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 B036375 - SW-846 3546											
Matrix Spike (B036375-MS1)	**Source: 11H1096-03**			Prepared: 08/29/11 Analyzed: 08/30/11							
Aroclor-1016	2.2	0.11	mg/Kg dry	0.221	ND	**976**	*	40-140			MS-21
Aroclor-1016 [2C]	2.6	0.11	mg/Kg dry	0.221	ND	**1170**	*	40-140			MS-21
Aroclor-1260	2.8	0.11	mg/Kg dry	0.221	ND	**1250**	*	40-140			MS-21
Aroclor-1260 [2C]	2.1	0.11	mg/Kg dry	0.221	ND	**942**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.240*		mg/Kg dry	0.221		109		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.245*		mg/Kg dry	0.221		111		30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg dry	0.221		103		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.247*		mg/Kg dry	0.221		112		30-150			
Matrix Spike Dup (B036375-MSD1)	**Source: 11H1096-03**			Prepared: 08/29/11 Analyzed: 08/30/11							
Aroclor-1016	1.8	0.11	mg/Kg dry	0.221	ND	**819**	*	40-140	17.5	50	MS-21
Aroclor-1016 [2C]	2.6	0.11	mg/Kg dry	0.221	ND	**1170**	*	40-140	0.219	50	MS-21
Aroclor-1260	2.5	0.11	mg/Kg dry	0.221	ND	**1140**	*	40-140	9.73	50	MS-21
Aroclor-1260 [2C]	1.9	0.11	mg/Kg dry	0.221	ND	**850**	*	40-140	10.2	50	MS-21
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg dry	0.221		88.5		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg dry	0.221		91.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg dry	0.221		82.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg dry	0.221		90.2		30-150			

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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 B036443 - SW-846 3050B												
Blank (B036443-BLK1)				Prepared: 08/30/11 Analyzed: 08/31/11								
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	0.74	mg/Kg wet									
LCS (B036443-BS1)				Prepared: 08/30/11 Analyzed: 08/31/11								
Arsenic	93.0	4.9	mg/Kg wet	92.6		100		83.2-117.4				
Barium	172	4.9	mg/Kg wet	169		102		83.1-116.9				
Cadmium	63.2	0.49	mg/Kg wet	61.8		102		80.7-119.1				
Chromium	71.6	0.98	mg/Kg wet	71.3		100		80.6-119.9				
Lead	91.9	1.5	mg/Kg wet	92.4		99.4		78.9-121.1				
LCS (B036443-BS2)				Prepared: 08/30/11 Analyzed: 09/01/11								
Lead	0.657	0.72	mg/Kg wet	0.724		90.7		80-120				
LCS Dup (B036443-BSD1)				Prepared: 08/30/11 Analyzed: 08/31/11								
Arsenic	94.8	4.8	mg/Kg wet	92.6		102		83.2-117.4	1.94		30	
Barium	173	4.8	mg/Kg wet	169		102		83.1-116.9	0.643		30	
Cadmium	62.8	0.48	mg/Kg wet	61.8		102		80.7-119.1	0.603		30	
Chromium	71.3	0.97	mg/Kg wet	71.3		100		80.6-119.9	0.384		30	
Lead	93.2	1.4	mg/Kg wet	92.4		101		78.9-121.1	1.45		30	
Duplicate (B036443-DUP1)	**Source: 11H1096-01**			Prepared: 08/30/11 Analyzed: 08/31/11								
Arsenic	ND	2.8	mg/Kg dry		ND				NC		35	
Barium	68.2	2.8	mg/Kg dry		45.9				**39.1**	*	35	R-02
Cadmium	ND	0.28	mg/Kg dry		ND				NC		35	
Chromium	5.79	0.56	mg/Kg dry		8.60				**39.1**	*	35	R-02
Lead	44.2	0.84	mg/Kg dry		48.7				9.77		35	
Matrix Spike (B036443-MS1)	**Source: 11H1096-01**			Prepared: 08/30/11 Analyzed: 08/31/11								
Arsenic	28.9	2.8	mg/Kg dry	27.9	1.53	98.1		75-125				
Barium	83.1	2.8	mg/Kg dry	27.9	45.9	**133**	*	75-125				MS-11
Cadmium	28.5	0.28	mg/Kg dry	27.9	0.241	101		75-125				
Chromium	35.4	0.56	mg/Kg dry	27.9	8.60	96.0		75-125				
Lead	72.3	0.84	mg/Kg dry	27.9	48.7	84.3		75-125				

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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.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H1096
Project Location: NBHS New Bedford	RTN:

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

11H1096-01 thru 11H1096-04

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 Director

Printed Name: Michael A. Erickson Date: 09/02/11

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H1096

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA.
Attention: DAVID SULLIVAN
Project Location: NAVS NEW BEDFORD.
Sampled By: JR : AD & JF

Telephone: 978-970-5600
Project # 115058
Client PO# 30223

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	PCB's	TOTAL As, Ba, Cd, Cr, Pb	# of Containers	** Preservation	***Container Code
								2	2			
								-	-			
								A	A			
-01	TREE-TE 2 0-1'	8/25	9:50	✓		S	U	✓	✓			
-02	TREE-TE 2 1-3'	8/25	9:55	✓		S	U	✓	✓			
-03	TREE-TE 3 0-1'	8/25	13:05	✓		S	U	✓	✓			
-04	TREE-TE 3 1-3'	8/25	13:10	✓		S	U	✓	✓			

ANALYSIS REQUESTED

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:	Received by: (signature)	Date/Time:
	9/26 0905		9/26 0905
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	9/26/11 2110		9/27/11 2116

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 3 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: MCP S-1
Connecticut:
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: CEC DATE: 8/26/11

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

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 (EC#8) 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 RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) 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	
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-26-11 21:09 IN

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

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

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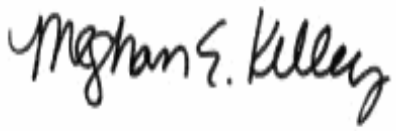
September 30, 2011

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

Project Location: NGHS-New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0999

Enclosed are results of analyses for samples received by the laboratory on August 24, 2011. 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: 9/30/2011

PURCHASE ORDER NUMBER: 36223

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0999

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

PROJECT LOCATION: NGHS-New Bedford, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TREE-HS-4 (0-1ft)	11H0999-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-4 (1-3ft)	11H0999-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-2 (0-1ft)	11H0999-03	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-2 (1-3ft)	11H0999-04	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-1 (0-1ft)	11H0999-05	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-1 (1-3ft)	11H0999-06	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-3 (0-1ft)	11H0999-07	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-HS-3 (1-3ft)	11H0999-08	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-DS-1 (0-1ft)	11H0999-09	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-DS-1 (1-3ft)	11H0999-10	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-DS-2 (0-1ft)	11H0999-11	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	
TREE-DS-2 (1-3ft)	11H0999-12	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 8082A	

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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 - 09/30/2011 - Revised COC scanned into report per clients request.

REVISED REPORT - 09/29/11 - Revised COC and email added to report.

SW-846 6010C

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:

Cadmium

B036386-BS1

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:

Lead

11H0999-09[TREE-DS-1 (0-1ft)], B036386-MS1

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H0999-04[TREE-HS-2 (1-3ft)], 11H0999-07[TREE-HS-3 (0-1ft)]

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

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

Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (0-1ft) | Sampled: 8/23/2011 11:00

Sample ID: 11H0999-01

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	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1254 [1]	1.2	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/26/11 0:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.3	30-150		8/26/11 0:13
Decachlorobiphenyl [2]	80.8	30-150		8/26/11 0:13
Tetrachloro-m-xylene [1]	85.6	30-150		8/26/11 0:13
Tetrachloro-m-xylene [2]	94.7	30-150		8/26/11 0:13

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

Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (0-1ft) | Sampled: 8/23/2011 11:00

Sample ID: 11H0999-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:15	OP
Barium	16	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:15	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:15	OP
Chromium	5.2	0.51	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:15	OP
Lead	19	0.77	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:15	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (0-1ft) | Sampled: 8/23/2011 11:00

Sample ID: 11H0999-01

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	95.2		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (1-3ft) | Sampled: 8/23/2011 11:05

Sample ID: 11H0999-02

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	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1254 [1]	0.42	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 0:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	118	30-150		8/31/11 0:42
Decachlorobiphenyl [2]	110	30-150		8/31/11 0:42
Tetrachloro-m-xylene [1]	114	30-150		8/31/11 0:42
Tetrachloro-m-xylene [2]	127	30-150		8/31/11 0:42

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (1-3ft) | Sampled: 8/23/2011 11:05

Sample ID: 11H0999-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:36	OP
Barium	18	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:36	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:36	OP
Chromium	6.4	0.51	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:36	OP
Lead	6.8	0.77	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:36	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-4 (1-3ft) | Sampled: 8/23/2011 11:05

Sample ID: 11H0999-02

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	96.9		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (0-1ft) | Sampled: 8/23/2011 12:00

Sample ID: 11H0999-03

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	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1254 [1]	2.7	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/26/11	8/31/11 14:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.9	30-150		8/31/11 14:35
Decachlorobiphenyl [2]	100	30-150		8/31/11 14:35
Tetrachloro-m-xylene [1]	90.7	30-150		8/31/11 14:35
Tetrachloro-m-xylene [2]	103	30-150		8/31/11 14:35

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (0-1ft) | Sampled: 8/23/2011 12:00

Sample ID: 11H0999-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.2	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:40	OP
Barium	93	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:40	OP
Cadmium	0.65	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:40	OP
Chromium	10	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:40	OP
Lead	210	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:40	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (0-1ft) | Sampled: 8/23/2011 12:00

Sample ID: 11H0999-03

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
% Solids	92.5		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (1-3ft) | Sampled: 8/23/2011 12:05

Sample ID: 11H0999-04

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	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1221 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1232 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1242 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1248 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1254 [1]	11	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1260 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1262 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB
Aroclor-1268 [1]	ND	2.1	mg/Kg dry	20		SW-846 8082A	8/26/11	8/31/11 14:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/31/11 14:48
Decachlorobiphenyl [2]	*	30-150	S-01	8/31/11 14:48
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/31/11 14:48
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/31/11 14:48

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (1-3ft) | Sampled: 8/23/2011 12:05

Sample ID: 11H0999-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:46	OP
Barium	32	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:46	OP
Cadmium	0.27	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:46	OP
Chromium	7.5	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:46	OP
Lead	62	0.78	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:46	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-2 (1-3ft) | Sampled: 8/23/2011 12:05

Sample ID: 11H0999-04

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	94.6		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (0-1ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-05

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 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1254 [1]	0.16	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 6:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		8/31/11 6:01
Decachlorobiphenyl [2]	106	30-150		8/31/11 6:01
Tetrachloro-m-xylene [1]	110	30-150		8/31/11 6:01
Tetrachloro-m-xylene [2]	118	30-150		8/31/11 6:01

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (0-1ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:51	OP
Barium	25	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:51	OP
Cadmium	0.27	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:51	OP
Chromium	6.7	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:51	OP
Lead	46	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:51	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (0-1ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-05

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
% Solids	94.0		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (1-3ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-06

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	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1254 [1]	1.6	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1260 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.1	30-150		8/31/11 15:00
Decachlorobiphenyl [2]	108	30-150		8/31/11 15:00
Tetrachloro-m-xylene [1]	99.8	30-150		8/31/11 15:00
Tetrachloro-m-xylene [2]	110	30-150		8/31/11 15:00

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (1-3ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.2	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:56	OP
Barium	1200	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:56	OP
Cadmium	0.97	0.25	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:56	OP
Chromium	14	0.49	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:56	OP
Lead	320	0.74	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 16:56	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-1 (1-3ft) | Sampled: 8/23/2011 15:05

Sample ID: 11H0999-06

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	95.1		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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

Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (0-1ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-07

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	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1254 [1]	5.1	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1260 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/26/11	8/31/11 15:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/31/11 15:13
Decachlorobiphenyl [2]	*	30-150	S-01	8/31/11 15:13
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/31/11 15:13
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/31/11 15:13

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (0-1ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:01	OP
Barium	14	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:01	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:01	OP
Chromium	5.1	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:01	OP
Lead	14	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:01	OP

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

Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (0-1ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-07

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	93.3		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (1-3ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-08

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	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1254 [1]	1.7	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1260 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.5	30-150		8/31/11 15:26
Decachlorobiphenyl [2]	105	30-150		8/31/11 15:26
Tetrachloro-m-xylene [1]	98.4	30-150		8/31/11 15:26
Tetrachloro-m-xylene [2]	111	30-150		8/31/11 15:26

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (1-3ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:07	OP
Barium	11	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:07	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:07	OP
Chromium	5.3	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:07	OP
Lead	6.7	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:07	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-HS-3 (1-3ft) | Sampled: 8/23/2011 14:10

Sample ID: 11H0999-08

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	93.8		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (0-1ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-09

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	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1254 [2]	0.25	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/26/11	8/31/11 7:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		8/31/11 7:04
Decachlorobiphenyl [2]	109	30-150		8/31/11 7:04
Tetrachloro-m-xylene [1]	107	30-150		8/31/11 7:04
Tetrachloro-m-xylene [2]	114	30-150		8/31/11 7:04

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (0-1ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	2.4	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 15:52	OP
Barium	97	2.4	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 15:52	OP
Cadmium	0.58	0.24	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 15:52	OP
Chromium	14	0.48	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 15:52	OP
Lead	96	0.73	mg/Kg dry	1	MS-07	SW-846 6010C	8/29/11	8/30/11 15:52	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (0-1ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-09

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	96.5		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (1-3ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-10

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	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1254 [1]	2.1	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1260 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	2		SW-846 8082A	8/26/11	8/31/11 15:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	114	30-150		8/31/11 15:39
Decachlorobiphenyl [2]	123	30-150		8/31/11 15:39
Tetrachloro-m-xylene [1]	103	30-150		8/31/11 15:39
Tetrachloro-m-xylene [2]	114	30-150		8/31/11 15:39

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (1-3ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.9	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:12	OP
Barium	500	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:12	OP
Cadmium	2.2	0.25	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:12	OP
Chromium	58	0.51	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:12	OP
Lead	570	0.76	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:12	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-1 (1-3ft) | Sampled: 8/24/2011 10:00

Sample ID: 11H0999-10

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	94.8		% Wt	1		SM 2540G	8/26/11	8/27/11 16:01	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (0-1ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-11

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	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1254 [2]	0.17	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1260 [2]	0.17	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:25	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	60.6	30-150		8/25/11 22:25
Decachlorobiphenyl [2]	61.6	30-150		8/25/11 22:25
Tetrachloro-m-xylene [1]	64.9	30-150		8/25/11 22:25
Tetrachloro-m-xylene [2]	69.4	30-150		8/25/11 22:25

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (0-1ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.7	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:17	OP
Barium	470	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:17	OP
Cadmium	1.0	0.25	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:17	OP
Chromium	44	0.50	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:17	OP
Lead	210	0.76	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:17	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (0-1ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-11

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	95.8		% Wt	1		SM 2540G	8/26/11	8/27/11 16:21	MXG

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (1-3ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-12

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	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1254 [1]	0.17	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1260 [2]	0.17	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 22:39	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	70.1	30-150		8/25/11 22:39
Decachlorobiphenyl [2]	72.1	30-150		8/25/11 22:39
Tetrachloro-m-xylene [1]	76.6	30-150		8/25/11 22:39
Tetrachloro-m-xylene [2]	80.1	30-150		8/25/11 22:39

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (1-3ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:22	OP
Barium	1200	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:22	OP
Cadmium	2.3	0.25	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:22	OP
Chromium	110	0.51	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:22	OP
Lead	1700	0.76	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 17:22	OP

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Project Location: NGHS-New Bedford, MA | Sample Description: | Work Order: 11H0999

Date Received: 8/24/2011

Field Sample #: TREE-DS-2 (1-3ft) | Sampled: 8/24/2011 14:00

Sample ID: 11H0999-12

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	95.8		% Wt	1		SM 2540G	8/26/11	8/27/11 16:21	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0999-01 [TREE-HS-4 (0-1ft)]	B036304	08/26/11
11H0999-02 [TREE-HS-4 (1-3ft)]	B036304	08/26/11
11H0999-03 [TREE-HS-2 (0-1ft)]	B036304	08/26/11
11H0999-04 [TREE-HS-2 (1-3ft)]	B036304	08/26/11
11H0999-05 [TREE-HS-1 (0-1ft)]	B036304	08/26/11
11H0999-06 [TREE-HS-1 (1-3ft)]	B036304	08/26/11
11H0999-07 [TREE-HS-3 (0-1ft)]	B036304	08/26/11
11H0999-08 [TREE-HS-3 (1-3ft)]	B036304	08/26/11
11H0999-09 [TREE-DS-1 (0-1ft)]	B036304	08/26/11
11H0999-10 [TREE-DS-1 (1-3ft)]	B036304	08/26/11

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0999-11 [TREE-DS-2 (0-1ft)]	B036322	08/26/11
11H0999-12 [TREE-DS-2 (1-3ft)]	B036322	08/26/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0999-01 [TREE-HS-4 (0-1ft)]	B036386	1.02	50.0	08/29/11
11H0999-02 [TREE-HS-4 (1-3ft)]	B036386	1.01	50.0	08/29/11
11H0999-03 [TREE-HS-2 (0-1ft)]	B036386	1.03	50.0	08/29/11
11H0999-04 [TREE-HS-2 (1-3ft)]	B036386	1.01	50.0	08/29/11
11H0999-05 [TREE-HS-1 (0-1ft)]	B036386	1.02	50.0	08/29/11
11H0999-06 [TREE-HS-1 (1-3ft)]	B036386	1.07	50.0	08/29/11
11H0999-07 [TREE-HS-3 (0-1ft)]	B036386	1.02	50.0	08/29/11
11H0999-08 [TREE-HS-3 (1-3ft)]	B036386	1.01	50.0	08/29/11
11H0999-09 [TREE-DS-1 (0-1ft)]	B036386	1.07	50.0	08/29/11
11H0999-10 [TREE-DS-1 (1-3ft)]	B036386	1.04	50.0	08/29/11
11H0999-11 [TREE-DS-2 (0-1ft)]	B036386	1.03	50.0	08/29/11
11H0999-12 [TREE-DS-2 (1-3ft)]	B036386	1.03	50.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0999-01 [TREE-HS-4 (0-1ft)]	B036056	10.1	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0999-11 [TREE-DS-2 (0-1ft)]	B036057	10.1	50.0	08/24/11
11H0999-12 [TREE-DS-2 (1-3ft)]	B036057	10.2	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0999-02 [TREE-HS-4 (1-3ft)]	B036272	10.0	50.0	08/26/11
11H0999-03 [TREE-HS-2 (0-1ft)]	B036272	10.1	50.0	08/26/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0999-04 [TREE-HS-2 (1-3ft)]	B036272	10.0	50.0	08/26/11
11H0999-05 [TREE-HS-1 (0-1ft)]	B036272	10.0	50.0	08/26/11
11H0999-06 [TREE-HS-1 (1-3ft)]	B036272	10.0	50.0	08/26/11
11H0999-07 [TREE-HS-3 (0-1ft)]	B036272	10.0	50.0	08/26/11
11H0999-08 [TREE-HS-3 (1-3ft)]	B036272	10.1	50.0	08/26/11
11H0999-09 [TREE-DS-1 (0-1ft)]	B036272	10.0	50.0	08/26/11
11H0999-10 [TREE-DS-1 (1-3ft)]	B036272	10.0	50.0	08/26/11

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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 B036056 - SW-846 3546										
Blank (B036056-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
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	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.249*		mg/Kg wet	0.200		124	30-150			
LCS (B036056-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140			
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		118	40-140			
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.252*		mg/Kg wet	0.200		126	30-150			
LCS Dup (B036056-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		118	40-140	1.38	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140	0.221	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140	0.270	30	
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140	0.890	30	
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.257*		mg/Kg wet	0.200		129	30-150			

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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 B036057 - SW-846 3546										
Blank (B036057-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
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	*0.156*		mg/Kg wet	0.200		77.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.157*		mg/Kg wet	0.200		78.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS (B036057-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Surrogate: Decachlorobiphenyl	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.223*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B036057-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		121	40-140	5.37	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		131	40-140	8.93	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		116	40-140	6.45	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	5.88	30	
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120	30-150			

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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 B036272 - SW-846 3546										
Blank (B036272-BLK1)				Prepared: 08/26/11 Analyzed: 08/31/11						
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	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.203*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.217*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.244*		mg/Kg wet	0.200		122	30-150			
LCS (B036272-BS1)				Prepared: 08/26/11 Analyzed: 08/31/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		122	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		132	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Surrogate: Decachlorobiphenyl	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.225*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.254*		mg/Kg wet	0.200		127	30-150			
LCS Dup (B036272-BSD1)				Prepared: 08/26/11 Analyzed: 08/31/11						
Aroclor-1016	0.25	0.10	mg/Kg wet	0.200		127	40-140	4.75	30	
Aroclor-1016 [2C]	0.27	0.10	mg/Kg wet	0.200		135	40-140	1.52	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140	1.63	30	
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		122	40-140	1.49	30	
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.258*		mg/Kg wet	0.200		129	30-150			

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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 B036386 - SW-846 3050B											
Blank (B036386-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11							
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								
LCS (B036386-BS1)				Prepared: 08/29/11 Analyzed: 08/30/11							
Arsenic	96.1	5.0	mg/Kg wet	92.6		104		83.2-117.4			
Barium	177	5.0	mg/Kg wet	169		105		83.1-116.9			
Cadmium	74.1	0.50	mg/Kg wet	61.8		**120**	*	80.7-119.1			L-07
Chromium	72.4	1.0	mg/Kg wet	71.3		102		80.6-119.9			
Lead	93.0	1.5	mg/Kg wet	92.4		101		78.9-121.1			
LCS (B036386-BS2)				Prepared: 08/29/11 Analyzed: 08/30/11							
Lead	0.839	0.73	mg/Kg wet	0.733		114		80-120			
LCS Dup (B036386-BSD1)				Prepared: 08/29/11 Analyzed: 08/30/11							
Arsenic	95.1	5.0	mg/Kg wet	92.6		103		83.2-117.4	1.07	30	
Barium	173	5.0	mg/Kg wet	169		102		83.1-116.9	2.30	30	
Cadmium	64.2	0.50	mg/Kg wet	61.8		104		80.7-119.1	14.2	30	
Chromium	72.2	1.0	mg/Kg wet	71.3		101		80.6-119.9	0.319	30	
Lead	91.4	1.5	mg/Kg wet	92.4		99.0		78.9-121.1	1.73	30	
Duplicate (B036386-DUP1)	**Source: 11H0999-09**			Prepared: 08/29/11 Analyzed: 08/30/11							
Arsenic	ND	2.6	mg/Kg dry		2.90				NC	35	
Barium	102	2.6	mg/Kg dry		97.4				4.36	35	
Cadmium	0.474	0.26	mg/Kg dry		0.581				20.3	35	
Chromium	14.4	0.51	mg/Kg dry		14.0				3.09	35	
Lead	103	0.77	mg/Kg dry		95.9				6.78	35	
Matrix Spike (B036386-MS1)	**Source: 11H0999-09**			Prepared: 08/29/11 Analyzed: 08/30/11							
Arsenic	26.4	2.5	mg/Kg dry	25.1	2.90	93.8		75-125			
Barium	118	2.5	mg/Kg dry	25.1	97.4	83.8		75-125			
Cadmium	25.3	0.25	mg/Kg dry	25.1	0.581	98.3		75-125			
Chromium	39.5	0.50	mg/Kg dry	25.1	14.0	102		75-125			
Lead	109	0.75	mg/Kg dry	25.1	95.9	**52.5**	*	75-125			MS-07

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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.
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.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

11H0999

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Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: NBHS-NewBedford, MA
Sampled By: A. Drouin

Telephone: (978) 970-5600
Project # 115058
Client PO # 36223

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 _____ proposal date

State Form Required?
☒ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	# of containe	**Preservati	~Cont.Code	PCB's	AS	Ba	Cd	Cr	Pb						Client Comments:
									2	2	2	2	2	2	2	2	4						
									I	I	I	I	I	I									
									G	G	G	A	A	A									
									ANALYSIS REQUESTED														
	TREE-HS-4 (0-1)	-01	8/23/11	1100	X		S	U				X	X	X	X	X	X	(Hold)					
	Tree-HS-4 (1-3)	-02	8/23/11	1105	X		S	U				X	X	X	X	X	X	(Hold)					
	Tree-HS-2 (0-1)	-03	8/23/11	1200	X		S	U				X	X	X	X	X	X	(Hold)					
	Tree-HS-2 (1-3)	-04	8/23/11	1205	X		S	U				X	X	X	X	X	X	(Hold)					
	Tree-HS-1 (0-1)	-05	8/23/11	1505	X		S	U				X	X	X	X	X	X						
	Tree-HS-1 (1-3)	-06	8/23/11	1505	X		S	U				X	X	X	X	X	X						
	Tree-HS-3 (0-1)	-07	8/23/11	1410	X		S	U				X	X	X	X	X	X						
	Tree-HS-3 (0-1) (X)	-08	8/23/11	1410	X		S	U				X	X	X	X	X	X						

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

Laboratory Comments:
(X) Pulled sample jars - 08 was labeled TREE-HS-3 0-3' JMM
TRC has been notified, email attached JMM

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:
Sean Mahon	8/24 17:20
Received by: (signature)	Date/Time:
Sean Mahon	8.24.11 1734
Relinquished by: (signature)	Date/Time:
Sean Mahon	8.24.11 1920
Received by: (signature)	Date/Time:
2.1°C	8/24/11 1925

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

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

*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.

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

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

Company Name: TRC
Address: 650 Suffolk Street, Lowell, Ma 01854
Attention: David Sullivan
Project Location: NBHS
Sampled By: Jeffrey Robinson
Proposal Provided? (For Billing purposes) ☐ yes ______ proposal date
State Form Required? ☐ yes ☐ no

Telephone: (978) 970 5600
Project # 115050
Client PO # 36223

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

# of containers									2	2
**Preservation									I	I
~Cont.Code									A	A
Field ID	Sample Description	Lab #	Date Sampled: Start Date/Time	Date Sampled: Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PCB's	As, Ba, Cr, Cd, Pb
	Tree - DS - 1 (0-1)	-09	8-24-11	1000			S		X	X
	Tree - DS - 1 (1-3)	-10	8-24-11	1000			S		X	X
	Tree - DS - 2 (0-1)	-11	8-24-11	1400			S		X	X
	Tree - DS - 2 (1-3)	-12	8-24-11	1400			S		X	X

ANALYSIS REQUESTED

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

Client Comments:

Laboratory 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) [signature]	Date/Time: 8/24 17:30
Received by: (signature) [signature]	Date/Time: 8.24.11 1730
Relinquished by: (signature) [signature]	Date/Time: 8.24.11 1821
Received by: (signature) [signature] 2-1°C	Date/Time: 8/24/11 1821

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

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

***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
X = Na hydroxide
T = Na thiosulfate
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.

AIHA, NELAC & WBE/DBE Certified

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P: 413-525-2332
F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: [signature] DATE: 8/24/11

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

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 [V] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [V]

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 2.1°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: L9

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	
250 mL Amber (8oz amber)	24	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, September 29, 2011 2:02 PM
To: Meghan Kelley
Cc: Fiero, Jason (Lowell,MA-US); Jason Fiero; Denly, Elizabeth (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US)
Subject: RE: Resubmittal request for CON-TEST

Sounds good. Mystery solved.

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Thursday, September 29, 2011 1:56 PM
To: Saunders, Jeffry (Lowell,MA-US)
Subject: RE: Resubmittal request for CON-TEST

Hi Jeff,

I had Log-in pull both samples and the jars were labeled TREE-HS-3 (0-1) for -07 and TREE-HS-3 (1-3) for -08. I can note this on the COC and issue you a revised repot with the updated COC included. I will include this email with the inquiry that I will be sending over to Liz today. Let me know if anything else is needed.

-Meghan

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Thursday, September 29, 2011 7:38 AM
To: Meghan Kelley
Subject: FW: Resubmittal request for CON-TEST

Meghan,

Regarding the TREE-HS-3 depth interval mystery, could you check the bottle label for the samples #07 and #08 to see if different depth intervals are listed? We are assuming that #07 is the 0-1' and #08 is the 1-3' depth interval, but have been unable to confirm that with the field team at the moment.

Thanks.

-Jeff

From: Denly, Elizabeth (Lowell,MA-US)
Sent: Wednesday, September 28, 2011 2:32 PM
To: Sullivan, Dave (Lowell,MA-US); Saunders, Jeffry (Lowell,MA-US)
Subject: FW: Resubmittal request for CON-TEST

Please help answer the question below.

Elizabeth Denly
Senior QA Chemist
Environmental Sector Quality Coordinator

650 Suffolk Street, Lowell, MA 01854
T: 978.656.3577 | F: 978.453.1995 | C: 978.328.2551

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From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Wednesday, September 28, 2011 2:25 PM
To: Denly, Elizabeth (Lowell,MA-US)
Cc: 'Michael A. Erickson'; Sullivan, Dave (Lowell,MA-US); TVeratti@contestlabs.com; 'Paula DiMattei'
Subject: RE: Resubmittal request for CON-TEST

Hi Liz, the lab is still working on your request. I will have a response by end of day tomorrow. For question # 2, the COC sample -08 says TREE-HS-3(0-1), which is the same ID for -07. Should the depth for sample -08 be 0-1 or 1-3?

From: Denly, Elizabeth (Lowell,MA-US) [mailto:edenly@trcsolutions.com]
Sent: Wednesday, September 28, 2011 2:14 PM
To: 'Meghan Kelley' (mkelley@contestlabs.com)
Cc: Michael A. Erickson; Sullivan, Dave (Lowell,MA-US); TVeratti@contestlabs.com; Paula DiMattei (p.dimattei@comcast.net)
Subject: RE: Resubmittal request for CON-TEST

Hi Meghan, What is the status of these?

Elizabeth Denly
Senior QA Chemist
Environmental Sector Quality Coordinator

650 Suffolk Street, Lowell, MA 01854
T: 978.656.3577 | F: 978.453.1995 | C: 978.328.2551

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From: Denly, Elizabeth (Lowell,MA-US)
Sent: Friday, September 23, 2011 3:45 PM
To: 'Meghan Kelley' (mkelley@contestlabs.com)
Cc: Michael A. Erickson; Sullivan, Dave (Lowell,MA-US); TVeratti@contestlabs.com; Paula DiMattei (p.dimattei@comcast.net)
Subject: FW: Resubmittal request for CON-TEST

Hi Meghan, Please see requests below.

Elizabeth Denly
Senior QA Chemist
Environmental Sector Quality Coordinator

650 Suffolk Street, Lowell, MA 01854
T: 978.656.3577 | F: 978.453.1995 | C: 978.328.2551

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From: p.dimattei@comcast.net [mailto:p.dimattei@comcast.net]
Sent: Friday, September 23, 2011 2:49 PM
To: Denly, Elizabeth (Lowell,MA-US)
Subject: Resubmittal request for CON-TEST

Hi Liz,

Can you pass this along?.....I included that question concerning the sample ID as well in case you did have the low down on that one....thanks-Paula

SDGs 11G0223, 11G0390, 11G0421, 11H0888, 11H1096, 11H0999

1) The sample ID for sample **11H0999**-08 is listed on the COC as TREE-HS-3 (**0-1**); however, the sample was identified as TREE-HS-3 (**1-3**). Please provide documentation concerning this discrepancy.

2) The cooler temperaure upon sample receipt for the samples in SDG **11H1096** was not noted. Could you please provide this cooler temperature?

3) The dilution factor noted on the instrument injection logs was not always consistent with the dilution factor that was reported on the sample Form 1s. Please see the table below.

SDG	Sample ID	Dilution factor noted on injection log	Dilution factor on Form 1s
11G0223	All samples	5	1
11G0390			
11G0888			
11H1096	-1, -2	5	1
	-3	100	100
	-4	10	2
11H0999	-1, -2, -5, -9, -11, -12	5	1
	-3	4	4
	-4	20	20
	-6, -8, -10	2	2
	-7	10	10

Please verify that all dilution factors were reported correctly and please provide corrections as needed.

Corrected Chain of Custody 9/29/2011 by J. Fiero

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CHAIN OF CUSTODY RECORD

11/10999 Jason C. Fiero

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

Page 1 of 2

Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: NBHS-NewBedford, MA
Sampled By: A. Drouin

Telephone: (978) 970-5660
Project #: 115058
Client PO #: 36223

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 ____ proposal date
State Form Required? ☒ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	~Cont Code	PCBs	As	Ba	Cd	Cr	Pb	ANALYSIS REQUESTED	
	TREE-HS-4 (0-1)	-01	8/23/11	1100	X		S	U	2	I	A	X	X	X	X	X	X	(Hold)	
	Tree-HS-4 (1-3)	-02	8/23/11	1105	X		S	U	2	I	A	X	X	X	X	X	X	(Hold)	
	Tree-HS-2 (0-1)	-03	8/23/11	1200	X		S	U	2	I	A	X	X	X	X	X	X	(Hold)	
	Tree-HS-2 (1-3)	-04	8/23/11	1205	X		S	U	2	I	A	X	X	X	X	X	X	(Hold)	
	Tree-HS-1 (0-1)	-05	8/23/11	1505	X		S	L	2	I	A	X	X	X	X	X	X		
	Tree-HS-1 (1-3)	-06	8/23/11	1505	X		S	L	2	I	A	X	X	X	X	X	X		
	Tree-HS-3 (0-1)	-07	8/23/11	1410	X		S	L	2	I	A	X	X	X	X	X	X		
	~~Tree-HS-3 (0-1)~~	-08	8/23/11	1410	X		S	L	2	I	A	X	X	X	X	X	X		

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

Client Comments:

Laboratory Comments:

NOTE Correction sample ID: TREE-HS-3 (1-3)

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:
Jason C. Fiero	8/24 17:70
Received by: (Signature)	Date/Time:
Sean Malfa	9/24.11 1734
Relinquished by: (Signature)	Date/Time:
Sean Malfa	9.24.11 1920
Received by: (Signature) 2.1°C	Date/Time: 9/24/11 1925

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

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

*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

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CHAIN OF CUSTODY RECORD

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

Company Name: TRC
Address: 650 Suffolk Street
Lowell, Ma 01854
Attention: David Sullivan
Project Location: NBHS
Sampled By: Jeffrey Robinson

Telephone: (978) 970 5600
Project #: 115058
Client PO #: 36223

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 ____ proposal date
State Form Required? ☐ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled: Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	~Cont.Code	PCB's	As, Ba, Cr, Cd, Pb	ANALYSIS REQUESTED
									2	I	A			
	Tree - DS - 1 (0-1)	-09	8-24-11	1000			S					X	X	
	Tree - DS - 1 (1-3)	-10	8-24-11	1000			S					X	X	
	Tree - DS - 2 (0-1)	-11	8-24-11	1400			S					X	X	
	Tree - DS - 2 (1-3)	-12	8-24-11	1400			S					X	X	

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

Client Comments:

Laboratory 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:
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	Date/Time:
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Received by: (signature)	8/24/11 1925

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

Detection Limit Requirements
Regulations? 8 MCP S-1
Data Enhancement Project/RCP? ☐ Y ☒ N
Special Requirements or DL's:

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

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B = Sodium bisulfate
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Stockpile A

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July 20, 2011

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

Project Location: City of New Bedford NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0272

Enclosed are results of analyses for samples received by the laboratory on July 12, 2011. 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: 7/20/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0272

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-A-1	11G0272-01	Soil		SM 2540G	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-A-2	11G0272-02	Soil		SM 2540G	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-A-3	11G0272-03	Soil		SM 2540G	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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: 7/20/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0272

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-A-4	11G0272-04	Soil		SM 2540G	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
TB-01	11G0272-05	Trip Blank Soil		SW-846 8260C	

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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 RCRA 8 metals for all samples, TCLP lead for samples 11G0272-01 and 04 and TCLP lead and chromium for sample 11G0272-02 results were requested and reported.

SW-846 8081B

Qualifications:

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

4,4'-DDT, 4,4'-DDT [2C]

11G0272-03[STKP-A-3], B033622-MS1, B033622-MSD1

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl [2C]

11G0272-01[STKP-A-1]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Tetrahydrofuran

B033587-BS1, B033587-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:

Diethyl Ether

B033587-BS1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Acetone

B033587-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:

2-Butanone (MEK), Dichlorodifluoromethane (Freon 12)

B033587-BS1, B033587-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:

Acetone

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4], 11G0272-05[TB-01], B033587-BLK1, B033587-BS1, B033587-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 1,2-Dibromo-3-chloropropane (DBCP), Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Naphthalene, Tetrahydrofuran

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4], 11G0272-05[TB-01], B033587-BLK1, B033587-BS1, B033587-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

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4], 11G0272-05[TB-01], B033587-BLK1, B033587-BS1, B033587-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:

2-Butanone (MEK), Methylene Chloride

B033587-BS1, B033587-BSD1

SW-846 8270D

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:

Aniline

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4], B033623-BLK1, B033623-BS1, B033623-BSD1

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

B033623-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-04[STKP-A-4]

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, Benzo(g,h,i)perylene

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4], B033623-BLK1, B033623-BS1, B033623-BSD1

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

Analyte & Samples(s) Qualified:

Di-n-octylphthalate, Fluoranthene

B033623-BLK1, B033623-BS1, B033623-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:

2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitrophenol, Bis(2-Ethylhexyl)phthalate, Butylbenzylphthalate

11G0272-01[STKP-A-1], 11G0272-02[STKP-A-2], 11G0272-03[STKP-A-3], 11G0272-04[STKP-A-4]

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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

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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.099	mg/Kg dry	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Bromomethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Carbon Disulfide	ND	0.0060	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Chloroethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Chloromethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2-Dibromoethane (EDB)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0099	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,3-Dichloropropane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
cis-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
trans-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Diethyl Ether	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Diisopropyl Ether (DIPE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,4-Dioxane	ND	0.099	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 14:37	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Methylene Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Naphthalene	ND	0.0040	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Tetrahydrofuran	ND	0.0099	mg/Kg dry	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
Vinyl Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.8	70-130		7/13/11 14:37
Toluene-d8	102	70-130		7/13/11 14:37
4-Bromofluorobenzene	90.5	70-130		7/13/11 14:37

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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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.53	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Aniline	ND	0.75	mg/Kg dry	1	L-04	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Anthracene	1.9	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Benzo(a)anthracene	8.5	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Benzo(a)pyrene	8.3	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Benzo(b)fluoranthene	7.9	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Benzo(g,h,i)perylene	3.6	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Benzo(k)fluoranthene	3.2	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Chrysene	8.2	1.9	mg/Kg dry	5		SW-846 8270D	7/14/11	7/20/11 15:59	BGL
Dibenz(a,h)anthracene	0.93	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-04, V-20	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Fluoranthene	13	1.9	mg/Kg dry	5		SW-846 8270D	7/14/11	7/20/11 15:59	BGL
Fluorene	0.41	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Indeno(1,2,3-cd)pyrene	4.0	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

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	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Naphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 17:28	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Phenanthrene	6.7	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
Pyrene	18	1.9	mg/Kg dry	5		SW-846 8270D	7/14/11	7/20/11 15:59	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 17:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	83.0	30-130		7/19/11 17:28
Phenol-d6	77.5	30-130		7/19/11 17:28
Nitrobenzene-d5	78.9	30-130		7/19/11 17:28
2-Fluorobiphenyl	87.7	30-130		7/19/11 17:28
2,4,6-Tribromophenol	73.6	30-130		7/19/11 17:28
Terphenyl-d14	80.6	30-130		7/19/11 17:28

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
alpha-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
beta-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
delta-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
4,4'-DDD [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
4,4'-DDE [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
4,4'-DDT [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Dieldrin [1]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Endosulfan I [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Endosulfan II [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Endosulfan sulfate [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Endrin [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Endrin ketone [1]	ND	0.0089	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Heptachlor [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Heptachlor epoxide [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Hexachlorobenzene [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG
Methoxychlor [1]	ND	0.056	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:16	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/16/11 0:16
Decachlorobiphenyl [2]	**162** *	30-150	S-12	7/16/11 0:16
Tetrachloro-m-xylene [1]	70.8	30-150		7/16/11 0:16
Tetrachloro-m-xylene [2]	65.7	30-150		7/16/11 0:16

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

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 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1254 [2]	0.41	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	68.0	30-150		7/16/11	0:43
Decachlorobiphenyl [2]	65.8	30-150		7/16/11	0:43
Tetrachloro-m-xylene [1]	71.4	30-150		7/16/11	0:43
Tetrachloro-m-xylene [2]	72.6	30-150		7/16/11	0:43

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Barium	610	2.7	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Cadmium	0.65	0.27	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Chromium	38	0.54	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Lead	230	0.80	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Mercury	0.093	0.028	mg/Kg dry	1		SW-846 7471B	7/14/11	7/14/11 14:57	CWB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:28	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 | Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:00	VAK
pH @19.8°C	5.8		pH Units	1		SW-846 9045C	7/13/11	7/13/11 9:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/14/11	7/15/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	7/14/11	7/14/11 15:26	LL
% Solids	89.8		% Wt	1		SM 2540G	7/14/11	7/15/11 9:54	MXG

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-1 Sampled: 7/12/2011 11:40

Sample ID: 11G0272-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.68	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 11:10	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.086	mg/Kg dry	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Bromomethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Chlorodibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Chloroethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Chloromethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0034	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2-Dibromoethane (EDB)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0086	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,3-Dichloropropane	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
cis-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
trans-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Diethyl Ether	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Diisopropyl Ether (DIPE)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,4-Dioxane	ND	0.086	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:03	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Methylene Chloride	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Tetrahydrofuran	ND	0.0086	mg/Kg dry	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Trichloroethylene	0.0020	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
Vinyl Chloride	ND	0.0086	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.7	70-130		7/13/11 15:03
Toluene-d8	102	70-130		7/13/11 15:03
4-Bromofluorobenzene	93.3	70-130		7/13/11 15:03

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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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Aniline	ND	0.75	mg/Kg dry	1	L-04	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Anthracene	0.42	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Benzo(a)anthracene	1.3	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Benzo(a)pyrene	1.1	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Benzo(b)fluoranthene	1.2	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Benzo(g,h,i)perylene	0.68	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Benzo(k)fluoranthene	0.47	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Chrysene	1.7	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Dibenz(a,h)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-04, V-20	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Fluoranthene	2.5	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Indeno(1,2,3-cd)pyrene	0.70	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

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	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:02	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Phenanthrene	2.4	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
Pyrene	3.0	0.37	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:02	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	74.2	30-130		7/19/11 18:02
Phenol-d6	68.9	30-130		7/19/11 18:02
Nitrobenzene-d5	73.6	30-130		7/19/11 18:02
2-Fluorobiphenyl	82.2	30-130		7/19/11 18:02
2,4,6-Tribromophenol	57.1	30-130		7/19/11 18:02
Terphenyl-d14	81.5	30-130		7/19/11 18:02

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
alpha-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
beta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
delta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
4,4'-DDD [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
4,4'-DDE [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
4,4'-DDT [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Dieldrin [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Endosulfan I [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Endosulfan II [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Endosulfan sulfate [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Endrin [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Endrin ketone [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Heptachlor [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Heptachlor epoxide [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Hexachlorobenzene [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG
Methoxychlor [1]	ND	0.055	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:34	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		7/16/11 0:34
Decachlorobiphenyl [2]	99.9	30-150		7/16/11 0:34
Tetrachloro-m-xylene [1]	78.6	30-150		7/16/11 0:34
Tetrachloro-m-xylene [2]	71.7	30-150		7/16/11 0:34

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

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 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1254 [2]	1.0	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 0:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	56.2	30-150		7/16/11	0:57
Decachlorobiphenyl [2]	55.1	30-150		7/16/11	0:57
Tetrachloro-m-xylene [1]	56.5	30-150		7/16/11	0:57
Tetrachloro-m-xylene [2]	59.8	30-150		7/16/11	0:57

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Barium	1300	2.7	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Cadmium	0.52	0.27	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Chromium	210	0.54	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Lead	210	0.81	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Mercury	0.13	0.027	mg/Kg dry	1		SW-846 7471B	7/14/11	7/14/11 14:59	CWB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:33	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 | Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:00	VAK
pH @20.2°C	5.0		pH Units	1		SW-846 9045C	7/13/11	7/13/11 9:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/14/11	7/15/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	7/14/11	7/14/11 15:26	LL
% Solids	90.4		% Wt	1		SM 2540G	7/14/11	7/15/11 9:54	MXG

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

Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-2 Sampled: 7/12/2011 12:00

Sample ID: 11G0272-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	ND	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 11:26	KSH
Lead	1.6	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 11:26	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.074	mg/Kg dry	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Bromomethane	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Carbon Disulfide	ND	0.0044	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Chloroethane	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Chloromethane	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2-Dibromoethane (EDB)	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0074	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,3-Dichloropropane	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
cis-1,3-Dichloropropene	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
trans-1,3-Dichloropropene	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Diethyl Ether	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Diisopropyl Ether (DIPE)	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,4-Dioxane	ND	0.074	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:29	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Methylene Chloride	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.00074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Tetrahydrofuran	ND	0.0074	mg/Kg dry	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
Vinyl Chloride	ND	0.0074	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.7	70-130		7/13/11 15:29
Toluene-d8	103	70-130		7/13/11 15:29
4-Bromofluorobenzene	92.2	70-130		7/13/11 15:29

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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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

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 8270D	7/14/11	7/19/11 18:34	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Aniline	ND	0.36	mg/Kg dry	1	L-04	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-04, V-20	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Fluoranthene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

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	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 18:34	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Phenanthrene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
Pyrene	0.28	0.18	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 18:34	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	89.0	30-130		7/19/11 18:34
Phenol-d6	80.7	30-130		7/19/11 18:34
Nitrobenzene-d5	82.0	30-130		7/19/11 18:34
2-Fluorobiphenyl	88.5	30-130		7/19/11 18:34
2,4,6-Tribromophenol	72.6	30-130		7/19/11 18:34
Terphenyl-d14	97.2	30-130		7/19/11 18:34

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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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
4,4'-DDD [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
4,4'-DDE [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
4,4'-DDT [1]	ND	0.0042	mg/Kg dry	1	MS-15	SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Dieldrin [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Endosulfan II [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Endosulfan sulfate [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Endrin [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Endrin ketone [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG
Methoxychlor [1]	ND	0.053	mg/Kg dry	1		SW-846 8081B	7/14/11	7/15/11 21:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		7/15/11 21:15
Decachlorobiphenyl [2]	89.1	30-150		7/15/11 21:15
Tetrachloro-m-xylene [1]	77.3	30-150		7/15/11 21:15
Tetrachloro-m-xylene [2]	70.4	30-150		7/15/11 21:15

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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 NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

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	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1254 [2]	0.20	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	7/14/11	7/16/11 1:11	PJG

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	73.7	30-150		7/16/11	1:11
Decachlorobiphenyl [2]	71.8	30-150		7/16/11	1:11
Tetrachloro-m-xylene [1]	74.5	30-150		7/16/11	1:11
Tetrachloro-m-xylene [2]	79.3	30-150		7/16/11	1:11

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

Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Barium	36	2.6	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Chromium	5.3	0.51	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Lead	41	0.77	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	7/14/11	7/14/11 15:00	CWB
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:38	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0272-03

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:00	VAK
pH @20.3°C	6.7		pH Units	1		SW-846 9045C	7/13/11	7/13/11 9:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	7/14/11	7/15/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	7/14/11	7/14/11 15:26	LL
% Solids	94.6		% Wt	1		SM 2540G	7/14/11	7/15/11 9:54	MXG

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.094	mg/Kg dry	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Bromomethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Carbon Disulfide	ND	0.0056	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Chlorodibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Chloroethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0037	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0094	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Diethyl Ether	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Diisopropyl Ether (DIPE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,4-Dioxane	ND	0.094	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 15:55	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Methylene Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Tetrahydrofuran	ND	0.0094	mg/Kg dry	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 15:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.7	70-130		7/13/11 15:55
Toluene-d8	103	70-130		7/13/11 15:55
4-Bromofluorobenzene	93.0	70-130		7/13/11 15:55

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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 NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Acenaphthylene	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Acetophenone	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Aniline	ND	0.80	mg/Kg dry	1	L-04	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Anthracene	0.42	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Benzo(a)anthracene	1.1	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Benzo(a)pyrene	0.90	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Benzo(b)fluoranthene	1.1	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Benzo(g,h,i)perylene	0.48	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Benzo(k)fluoranthene	0.50	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Bis(2-chloroethoxy)methane	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Bis(2-chloroethyl)ether	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Bis(2-chloroisopropyl)ether	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.80	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
4-Bromophenylphenylether	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Butylbenzylphthalate	ND	1.6	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
4-Chloroaniline	ND	1.6	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2-Chloronaphthalene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2-Chlorophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Chrysene	1.1	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Dibenz(a,h)anthracene	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Dibenzofuran	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Di-n-butylphthalate	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
1,2-Dichlorobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
1,3-Dichlorobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
1,4-Dichlorobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
3,3-Dichlorobenzidine	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4-Dichlorophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Diethylphthalate	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4-Dimethylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Dimethylphthalate	ND	1.6	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	1	V-04, V-20	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4-Dinitrotoluene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,6-Dinitrotoluene	ND	0.80	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Di-n-octylphthalate	ND	1.6	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Fluoranthene	2.3	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Fluorene	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Hexachlorobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Hexachlorobutadiene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Hexachloroethane	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Indeno(1,2,3-cd)pyrene	0.48	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Isophorone	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

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	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2-Methylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
3/4-Methylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Naphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Nitrobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2-Nitrophenol	ND	0.80	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 19:07	BGL
4-Nitrophenol	ND	1.6	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Pentachlorophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Phenanthrene	1.8	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Phenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
Pyrene	2.0	0.40	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
1,2,4-Trichlorobenzene	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4,5-Trichlorophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL
2,4,6-Trichlorophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 19:07	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	80.4	30-130		7/19/11 19:07
Phenol-d6	68.6	30-130		7/19/11 19:07
Nitrobenzene-d5	80.4	30-130		7/19/11 19:07
2-Fluorobiphenyl	80.3	30-130		7/19/11 19:07
2,4,6-Tribromophenol	76.1	30-130		7/19/11 19:07
Terphenyl-d14	86.6	30-130		7/19/11 19:07

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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 NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
alpha-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
beta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
delta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
gamma-BHC (Lindane) [1]	ND	0.0024	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Chlordane [1]	ND	0.024	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
4,4'-DDD [1]	0.34	0.024	mg/Kg dry	5		SW-846 8081B	7/14/11	7/18/11 17:26	PJG
4,4'-DDE [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
4,4'-DDT [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Dieldrin [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Endosulfan I [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Endosulfan II [1]	ND	0.0095	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Endosulfan sulfate [1]	ND	0.0095	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Endrin [1]	ND	0.0095	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Endrin ketone [1]	ND	0.0095	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Heptachlor [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Heptachlor epoxide [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Hexachlorobenzene [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG
Methoxychlor [1]	ND	0.059	mg/Kg dry	1		SW-846 8081B	7/14/11	7/16/11 0:50	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.6	30-150		7/16/11 0:50
Decachlorobiphenyl [2]	86.5	30-150		7/16/11 0:50
Tetrachloro-m-xylene [1]	34.0	30-150		7/16/11 0:50
Tetrachloro-m-xylene [2]	30.9	30-150		7/16/11 0:50

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

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	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1254 [1]	3.9	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1260 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	5		SW-846 8082A	7/14/11	7/16/11 9:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.8	30-150		7/16/11 9:57
Decachlorobiphenyl [2]	88.3	30-150		7/16/11 9:57
Tetrachloro-m-xylene [1]	81.4	30-150		7/16/11 9:57
Tetrachloro-m-xylene [2]	84.6	30-150		7/16/11 9:57

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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 NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.0	2.9	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Barium	780	2.9	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Cadmium	1.8	0.29	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Chromium	92	0.57	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Lead	530	0.86	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Mercury	0.25	0.029	mg/Kg dry	1		SW-846 7471B	7/14/11	7/14/11 15:10	CWB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 16:42	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:00	VAK
pH @20.3°C	6.8		pH Units	1		SW-846 9045C	7/13/11	7/13/11 9:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/14/11	7/15/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	7/14/11	7/14/11 15:26	LL
% Solids	84.4		% Wt	1		SM 2540G	7/14/11	7/15/11 9:54	MXG

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: STKP-A-4 Sampled: 7/12/2011 12:25

Sample ID: 11G0272-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.4	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 11:53	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: TB-01 | Sampled: 7/12/2011 00:00

Sample ID: 11G0272-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1	V-16	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
n-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Chloroethane	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Diethyl Ether	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,4-Dioxane	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260C	7/13/11	7/13/11 16:22	MFF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0272

Date Received: 7/12/2011

Field Sample #: TB-01 | Sampled: 7/12/2011 00:00

Sample ID: 11G0272-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Methylene Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Naphthalene	ND	0.0040	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Styrene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet	1	V-05	SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260C	7/13/11	7/13/11 16:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.1	70-130		7/13/11 16:22
Toluene-d8	102	70-130		7/13/11 16:22
4-Bromofluorobenzene	90.8	70-130		7/13/11 16:22

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0272-01 [STKP-A-1]	B033645	07/14/11
11G0272-02 [STKP-A-2]	B033645	07/14/11
11G0272-03 [STKP-A-3]	B033645	07/14/11
11G0272-04 [STKP-A-4]	B033645	07/14/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033755	50.0	50.0	07/15/11
11G0272-02 [STKP-A-2]	B033755	50.0	50.0	07/15/11
11G0272-03 [STKP-A-3]	B033755	50.0	50.0	07/15/11
11G0272-04 [STKP-A-4]	B033755	50.0	50.0	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033659	1.04	50.0	07/14/11
11G0272-02 [STKP-A-2]	B033659	1.03	50.0	07/14/11
11G0272-03 [STKP-A-3]	B033659	1.03	50.0	07/14/11
11G0272-04 [STKP-A-4]	B033659	1.03	50.0	07/14/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 7/14/2011 per SW-846 1311 in Batch B033648**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033946	50.0	50.0	07/19/11
11G0272-02 [STKP-A-2]	B033946	50.0	50.0	07/19/11
11G0272-04 [STKP-A-4]	B033946	50.0	50.0	07/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033601	0.607	50.0	07/14/11
11G0272-02 [STKP-A-2]	B033601	0.622	50.0	07/14/11
11G0272-03 [STKP-A-3]	B033601	0.603	50.0	07/14/11
11G0272-04 [STKP-A-4]	B033601	0.621	50.0	07/14/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033622	10.0	10.0	07/14/11
11G0272-02 [STKP-A-2]	B033622	10.0	10.0	07/14/11
11G0272-03 [STKP-A-3]	B033622	10.0	10.0	07/14/11
11G0272-04 [STKP-A-4]	B033622	10.0	10.0	07/14/11
11G0272-04RE1 [STKP-A-4]	B033622	10.0	10.0	07/14/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033688	10.1	50.0	07/14/11
11G0272-02 [STKP-A-2]	B033688	10.1	50.0	07/14/11
11G0272-03 [STKP-A-3]	B033688	10.2	50.0	07/14/11
11G0272-04 [STKP-A-4]	B033688	10.2	50.0	07/14/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033587	5.60	10.0	07/13/11
11G0272-02 [STKP-A-2]	B033587	6.46	10.0	07/13/11
11G0272-03 [STKP-A-3]	B033587	7.18	10.0	07/13/11
11G0272-04 [STKP-A-4]	B033587	6.33	10.0	07/13/11
11G0272-05 [TB-01]	B033587	5.00	10.0	07/13/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033623	30.2	2.00	07/14/11
11G0272-02 [STKP-A-2]	B033623	30.1	2.00	07/14/11
11G0272-03 [STKP-A-3]	B033623	30.0	1.00	07/14/11
11G0272-04 [STKP-A-4]	B033623	30.2	2.00	07/14/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033674	25.3	250	07/14/11
11G0272-02 [STKP-A-2]	B033674	25.6	250	07/14/11
11G0272-03 [STKP-A-3]	B033674	25.2	250	07/14/11
11G0272-04 [STKP-A-4]	B033674	25.4	250	07/14/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0272-01 [STKP-A-1]	B033675	25.3	250	07/14/11
11G0272-02 [STKP-A-2]	B033675	25.6	250	07/14/11
11G0272-03 [STKP-A-3]	B033675	25.2	250	07/14/11
11G0272-04 [STKP-A-4]	B033675	25.4	250	07/14/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11G0272-01 [STKP-A-1]	B033747	20.0	07/13/11
11G0272-02 [STKP-A-2]	B033747	20.0	07/13/11
11G0272-03 [STKP-A-3]	B033747	20.0	07/13/11
11G0272-04 [STKP-A-4]	B033747	20.0	07/13/11

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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 B033587 - SW-846 5035										
Blank (B033587-BLK1)				Prepared & Analyzed: 07/13/11						
Acetone	ND	0.10	mg/Kg wet							R-05, 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	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	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	0.0040	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							V-05
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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	0.0040	mg/Kg wet							V-05

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 B033587 - SW-846 5035												
Blank (B033587-BLK1)				Prepared & Analyzed: 07/13/11								
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-05, V-16	
Toluene	ND	0.0020	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								V-05	
1,2,4-Trichlorobenzene	ND	0.0020	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	*0.0469*		mg/Kg wet	0.0500		93.8		70-130				
Surrogate: Toluene-d8	*0.0510*		mg/Kg wet	0.0500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0450*		mg/Kg wet	0.0500		90.0		70-130				
LCS (B033587-BS1)				Prepared & Analyzed: 07/13/11								
Acetone	0.353	0.10	mg/Kg wet	0.200		**176**	*	40-160			L-07A, R-05, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0221	0.0010	mg/Kg wet	0.0200		111		70-130				
Benzene	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130				
Bromobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
Bromochloromethane	0.0249	0.0020	mg/Kg wet	0.0200		124		70-130				
Bromodichloromethane	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
Bromoform	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
Bromomethane	0.0191	0.010	mg/Kg wet	0.0200		95.5		40-160				†
2-Butanone (MEK)	0.309	0.040	mg/Kg wet	0.200		154		40-160			L-14, V-16, V-20	†
n-Butylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
sec-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
tert-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0197	0.0010	mg/Kg wet	0.0200		98.4		70-130				
Carbon Disulfide	0.0233	0.0060	mg/Kg wet	0.0200		117		70-130				
Carbon Tetrachloride	0.0192	0.0020	mg/Kg wet	0.0200		96.2		70-130				
Chlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130				
Chlorodibromomethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130				
Chloroethane	0.0186	0.010	mg/Kg wet	0.0200		92.8		70-130				
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110		70-130				
Chloromethane	0.0161	0.010	mg/Kg wet	0.0200		80.5		40-160				†
2-Chlorotoluene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
4-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0168	0.0040	mg/Kg wet	0.0200		84.2		70-130			V-05	
1,2-Dibromoethane (EDB)	0.0230	0.0010	mg/Kg wet	0.0200		115		70-130				
Dibromomethane	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130				
1,2-Dichlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,4-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				

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 B033587 - SW-846 5035												
LCS (B033587-BS1)				Prepared & Analyzed: 07/13/11								
Dichlorodifluoromethane (Freon 12)	0.0110	0.010	mg/Kg wet	0.0200		54.8		40-160			L-14, V-05	†
1,1-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2-Dichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3		70-130				
1,1-Dichloroethylene	0.0242	0.0040	mg/Kg wet	0.0200		121		70-130				
cis-1,2-Dichloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
trans-1,2-Dichloroethylene	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130				
1,2-Dichloropropane	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
1,3-Dichloropropane	0.0223	0.0010	mg/Kg wet	0.0200		112		70-130				
2,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130				
1,1-Dichloropropene	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
trans-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		105		70-130				
Diethyl Ether	0.0266	0.010	mg/Kg wet	0.0200		**133**	*	70-130			L-07	
Diisopropyl Ether (DIPE)	0.0232	0.0010	mg/Kg wet	0.0200		116		70-130				
1,4-Dioxane	0.230	0.10	mg/Kg wet	0.200		115		40-160			V-16	†
Ethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130				
Hexachlorobutadiene	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130			V-05	
2-Hexanone (MBK)	0.243	0.020	mg/Kg wet	0.200		121		40-160				†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130				
p-Isopropyltoluene (p-Cymene)	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0225	0.0040	mg/Kg wet	0.0200		112		70-130				
Methylene Chloride	0.0252	0.010	mg/Kg wet	0.0200		126		70-130			V-20	
4-Methyl-2-pentanone (MIBK)	0.231	0.020	mg/Kg wet	0.200		116		40-160				†
Naphthalene	0.0181	0.0040	mg/Kg wet	0.0200		90.6		70-130			V-05	
n-Propylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Styrene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,1,1,2-Tetrachloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,2,2-Tetrachloroethane	0.0239	0.0010	mg/Kg wet	0.0200		120		70-130				
Tetrachloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
Tetrahydrofuran	0.0304	0.010	mg/Kg wet	0.0200		**152**	*	70-130			L-02, V-05, V-16	
Toluene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130				
1,2,3-Trichlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.9		70-130			V-05	
1,2,4-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8		70-130			V-05	
1,1,1-Trichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.3		70-130				
1,1,2-Trichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
Trichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Trichlorofluoromethane (Freon 11)	0.0174	0.010	mg/Kg wet	0.0200		87.2		70-130				
1,2,3-Trichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130				
1,2,4-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,3,5-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
Vinyl Chloride	0.0206	0.010	mg/Kg wet	0.0200		103		70-130				
m+p Xylene	0.0464	0.0040	mg/Kg wet	0.0400		116		70-130				
o-Xylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0463*		mg/Kg wet	0.0500		92.6		70-130				
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0474*		mg/Kg wet	0.0500		94.8		70-130				

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 B033587 - SW-846 5035												
LCS Dup (B033587-BSD1)				Prepared & Analyzed: 07/13/11								
Acetone	0.247	0.10	mg/Kg wet	0.200		124	40-160	**35.2**	*	20	R-05, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	4.15		20		
Benzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.91		20		
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	6.52		20		
Bromochloromethane	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	1.95		20		
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	6.00		20		
Bromoform	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	9.37		20		
Bromomethane	0.0191	0.010	mg/Kg wet	0.0200		95.3	40-160	0.210		20		†
2-Butanone (MEK)	0.259	0.040	mg/Kg wet	0.200		129	40-160	17.6		20	V-16, V-20	†
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	3.86		20		
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.26		20		
tert-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.726		20		
tert-Butyl Ethyl Ether (TBEE)	0.0186	0.0010	mg/Kg wet	0.0200		92.8	70-130	5.86		20		
Carbon Disulfide	0.0225	0.0060	mg/Kg wet	0.0200		112	70-130	3.75		20		
Carbon Tetrachloride	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130	1.99		20		
Chlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	3.55		20		
Chlorodibromomethane	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130	6.23		20		
Chloroethane	0.0179	0.010	mg/Kg wet	0.0200		89.4	70-130	3.73		20		
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		105	70-130	4.09		20		
Chloromethane	0.0157	0.010	mg/Kg wet	0.0200		78.3	40-160	2.77		20		†
2-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	2.30		20		
4-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	2.95		20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0153	0.0040	mg/Kg wet	0.0200		76.4	70-130	9.71		20	V-05	
1,2-Dibromoethane (EDB)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	6.19		20		
Dibromomethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	4.04		20		
1,2-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	4.16		20		
1,3-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.39		20		
1,4-Dichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.60		20		
Dichlorodifluoromethane (Freon 12)	0.0108	0.010	mg/Kg wet	0.0200		54.1	40-160	1.29		20	L-14, V-05	†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.64		20		
1,2-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	4.32		20		
1,1-Dichloroethylene	0.0230	0.0040	mg/Kg wet	0.0200		115	70-130	5.18		20		
cis-1,2-Dichloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.48		20		
trans-1,2-Dichloroethylene	0.0255	0.0020	mg/Kg wet	0.0200		128	70-130	0.548		20		
1,2-Dichloropropane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.73		20		
1,3-Dichloropropane	0.0211	0.0010	mg/Kg wet	0.0200		105	70-130	5.71		20		
2,2-Dichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130	3.67		20		
1,1-Dichloropropene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	1.72		20		
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.0	70-130	5.51		20		
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.4	70-130	6.11		20		
Diethyl Ether	0.0239	0.010	mg/Kg wet	0.0200		119	70-130	10.6		20		
Diisopropyl Ether (DIPE)	0.0223	0.0010	mg/Kg wet	0.0200		112	70-130	4.04		20		
1,4-Dioxane	0.221	0.10	mg/Kg wet	0.200		111	40-160	3.94		20	V-16	†
Ethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.78		20		
Hexachlorobutadiene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	0.315		20	V-05	
2-Hexanone (MBK)	0.211	0.020	mg/Kg wet	0.200		106	40-160	13.8		20		†
Isopropylbenzene (Cumene)	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	4.06		20		
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	3.09		20		
Methyl tert-Butyl Ether (MTBE)	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130	4.36		20		
Methylene Chloride	0.0246	0.010	mg/Kg wet	0.0200		123	70-130	2.41		20	V-20	
4-Methyl-2-pentanone (MIBK)	0.214	0.020	mg/Kg wet	0.200		107	40-160	7.85		20		†
Naphthalene	0.0180	0.0040	mg/Kg wet	0.0200		89.9	70-130	0.776		20	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 B033587 - SW-846 5035											
LCS Dup (B033587-BSD1)				Prepared & Analyzed: 07/13/11							
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	0.648	20	
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	4.01	20	
1,1,1,2-Tetrachloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.4		70-130	6.36	20	
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130	9.18	20	
Tetrachloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	4.40	20	
Tetrahydrofuran	0.0285	0.010	mg/Kg wet	0.0200		**143**	*	70-130	6.38	20	L-02, V-05, V-16
Toluene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	4.96	20	
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.1		70-130	0.947	20	V-05
1,2,4-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2		70-130	0.678	20	V-05
1,1,1-Trichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	4.33	20	
1,1,2-Trichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	5.59	20	
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.68	20	
Trichlorofluoromethane (Freon 11)	0.0166	0.010	mg/Kg wet	0.0200		82.8		70-130	5.18	20	
1,2,3-Trichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.7		70-130	6.15	20	
1,2,4-Trimethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	0.596	20	
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	3.86	20	
Vinyl Chloride	0.0202	0.010	mg/Kg wet	0.0200		101		70-130	1.86	20	
m+p Xylene	0.0451	0.0040	mg/Kg wet	0.0400		113		70-130	2.84	20	
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	2.01	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0457*		mg/Kg wet	0.0500		91.4		70-130			
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0463*		mg/Kg wet	0.0500		92.7		70-130			

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 B033623 - SW-846 3546										
Blank (B033623-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
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							L-04
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							V-04
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							V-05
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							V-05
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 B033623 - SW-846 3546												
Blank (B033623-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11								
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	*5.28*		mg/Kg wet	6.67		79.2		30-130				
Surrogate: Phenol-d6	*4.85*		mg/Kg wet	6.67		72.7		30-130				
Surrogate: Nitrobenzene-d5	*2.01*		mg/Kg wet	3.33		60.4		30-130				
Surrogate: 2-Fluorobiphenyl	*2.14*		mg/Kg wet	3.33		64.3		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.73*		mg/Kg wet	6.67		101		30-130				
Surrogate: Terphenyl-d14	*2.89*		mg/Kg wet	3.33		86.7		30-130				
LCS (B033623-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Acenaphthene	0.985	0.17	mg/Kg wet	1.67		59.1		40-140				
Acenaphthylene	0.965	0.17	mg/Kg wet	1.67		57.9		40-140				
Acetophenone	1.48	0.34	mg/Kg wet	1.67		89.0		40-140				
Aniline	0.639	0.34	mg/Kg wet	1.67		**38.3**	*	40-140			L-04	
Anthracene	1.05	0.17	mg/Kg wet	1.67		62.8		40-140				
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.4		40-140				
Benzo(a)pyrene	1.25	0.17	mg/Kg wet	1.67		75.3		40-140				
Benzo(b)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.5		40-140				
Benzo(g,h,i)perylene	1.23	0.17	mg/Kg wet	1.67		73.6		40-140			V-04	
Benzo(k)fluoranthene	1.21	0.17	mg/Kg wet	1.67		72.5		40-140				
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.67		68.5		40-140				
Bis(2-chloroethyl)ether	1.00	0.34	mg/Kg wet	1.67		60.2		40-140				
Bis(2-chloroisopropyl)ether	0.938	0.34	mg/Kg wet	1.67		56.3		40-140				
Bis(2-Ethylhexyl)phthalate	1.14	0.34	mg/Kg wet	1.67		68.3		40-140				
4-Bromophenylphenylether	1.10	0.34	mg/Kg wet	1.67		66.1		40-140				
Butylbenzylphthalate	1.13	0.66	mg/Kg wet	1.67		67.8		40-140				
4-Chloroaniline	0.797	0.66	mg/Kg wet	1.67		47.8		15-140				†
2-Chloronaphthalene	0.940	0.34	mg/Kg wet	1.67		56.4		40-140				
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		65.0		30-130				
Chrysene	1.05	0.17	mg/Kg wet	1.67		63.0		40-140				
Dibenz(a,h)anthracene	1.25	0.17	mg/Kg wet	1.67		74.8		40-140				
Dibenzofuran	1.16	0.34	mg/Kg wet	1.67		69.9		40-140				
Di-n-butylphthalate	1.15	0.34	mg/Kg wet	1.67		69.0		40-140				
1,2-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		62.0		40-140				
1,3-Dichlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.4		40-140				
1,4-Dichlorobenzene	1.10	0.34	mg/Kg wet	1.67		65.8		40-140				
3,3-Dichlorobenzidine	0.875	0.17	mg/Kg wet	1.67		52.5		40-140				
2,4-Dichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.3		30-130				
Diethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1		40-140				
2,4-Dimethylphenol	1.15	0.34	mg/Kg wet	1.67		68.9		30-130				
Dimethylphthalate	1.21	0.66	mg/Kg wet	1.67		72.6		40-140				
2,4-Dinitrophenol	1.60	0.66	mg/Kg wet	1.67		96.1		15-140				†
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.9		40-140				
2,6-Dinitrotoluene	1.31	0.34	mg/Kg wet	1.67		78.4		40-140				
Di-n-octylphthalate	1.32	0.66	mg/Kg wet	1.67		78.9		40-140			V-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.01	0.34	mg/Kg wet	1.67		60.5		40-140				
Fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.8		40-140			V-05	
Fluorene	1.16	0.17	mg/Kg wet	1.67		69.7		40-140				
Hexachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.3		40-140				

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 B033623 - SW-846 3546												
LCS (B033623-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Hexachlorobutadiene	1.10	0.34	mg/Kg wet	1.67		66.0		40-140				
Hexachloroethane	1.14	0.34	mg/Kg wet	1.67		68.3		40-140				
Indeno(1,2,3-cd)pyrene	1.14	0.17	mg/Kg wet	1.67		68.6		40-140				
Isophorone	1.04	0.34	mg/Kg wet	1.67		62.5		40-140				
2-Methylnaphthalene	1.09	0.17	mg/Kg wet	1.67		65.4		40-140				
2-Methylphenol	1.01	0.34	mg/Kg wet	1.67		60.5		30-130				
3/4-Methylphenol	0.592	0.34	mg/Kg wet	1.67		35.5		30-130				
Naphthalene	0.954	0.17	mg/Kg wet	1.67		57.2		40-140				
Nitrobenzene	0.977	0.34	mg/Kg wet	1.67		58.6		40-140				
2-Nitrophenol	1.04	0.34	mg/Kg wet	1.67		62.6		30-130				
4-Nitrophenol	1.95	0.66	mg/Kg wet	1.67		117		15-140				†
Pentachlorophenol	1.55	0.34	mg/Kg wet	1.67		92.9		30-130				
Phenanthrene	1.03	0.17	mg/Kg wet	1.67		61.6		40-140				
Phenol	1.02	0.34	mg/Kg wet	1.67		61.1		15-140				†
Pyrene	1.11	0.17	mg/Kg wet	1.67		66.6		40-140				
1,2,4-Trichlorobenzene	1.10	0.34	mg/Kg wet	1.67		66.1		40-140				
2,4,5-Trichlorophenol	1.33	0.34	mg/Kg wet	1.67		80.0		30-130				
2,4,6-Trichlorophenol	1.17	0.34	mg/Kg wet	1.67		69.9		30-130				
Surrogate: 2-Fluorophenol	*4.77*		mg/Kg wet	6.67		71.5		30-130				
Surrogate: Phenol-d6	*4.31*		mg/Kg wet	6.67		64.7		30-130				
Surrogate: Nitrobenzene-d5	*2.13*		mg/Kg wet	3.33		64.0		30-130				
Surrogate: 2-Fluorobiphenyl	*2.06*		mg/Kg wet	3.33		61.9		30-130				
Surrogate: 2,4,6-Tribromophenol	*7.14*		mg/Kg wet	6.67		107		30-130				
Surrogate: Terphenyl-d14	*2.72*		mg/Kg wet	3.33		81.7		30-130				
LCS Dup (B033623-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Acenaphthene	1.06	0.17	mg/Kg wet	1.67		63.6		40-140	7.34	30		
Acenaphthylene	1.04	0.17	mg/Kg wet	1.67		62.5		40-140	7.67	30		
Acetophenone	1.64	0.34	mg/Kg wet	1.67		98.7		40-140	10.3	30		
Aniline	0.518	0.34	mg/Kg wet	1.67		**31.1**	*	40-140	20.9	30	L-04	
Anthracene	1.11	0.17	mg/Kg wet	1.67		66.7		40-140	5.90	30		
Benzo(a)anthracene	1.12	0.17	mg/Kg wet	1.67		67.3		40-140	5.85	30		
Benzo(a)pyrene	1.31	0.17	mg/Kg wet	1.67		78.6		40-140	4.37	30		
Benzo(b)fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.5		40-140	5.11	30		
Benzo(g,h,i)perylene	1.27	0.17	mg/Kg wet	1.67		76.3		40-140	3.68	30	V-04	
Benzo(k)fluoranthene	1.28	0.17	mg/Kg wet	1.67		76.8		40-140	5.78	30		
Bis(2-chloroethoxy)methane	1.24	0.34	mg/Kg wet	1.67		74.7		40-140	8.60	30		
Bis(2-chloroethyl)ether	1.02	0.34	mg/Kg wet	1.67		61.1		40-140	1.42	30		
Bis(2-chloroisopropyl)ether	1.06	0.34	mg/Kg wet	1.67		63.6		40-140	12.2	30		
Bis(2-Ethylhexyl)phthalate	1.17	0.34	mg/Kg wet	1.67		70.4		40-140	3.09	30		
4-Bromophenylphenylether	1.24	0.34	mg/Kg wet	1.67		74.1		40-140	11.5	30		
Butylbenzylphthalate	1.15	0.66	mg/Kg wet	1.67		69.2		40-140	1.96	30		
4-Chloroaniline	0.623	0.66	mg/Kg wet	1.67		37.4		15-140	24.5	30	L-15	†
2-Chloronaphthalene	0.997	0.34	mg/Kg wet	1.67		59.8		40-140	5.85	30		
2-Chlorophenol	1.13	0.34	mg/Kg wet	1.67		67.7		30-130	4.10	30		
Chrysene	1.11	0.17	mg/Kg wet	1.67		66.4		40-140	5.38	30		
Dibenz(a,h)anthracene	1.29	0.17	mg/Kg wet	1.67		77.6		40-140	3.57	30		
Dibenzofuran	1.25	0.34	mg/Kg wet	1.67		75.2		40-140	7.31	30		
Di-n-butylphthalate	1.24	0.34	mg/Kg wet	1.67		74.6		40-140	7.77	30		
1,2-Dichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.8		40-140	2.86	30		
1,3-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.7		40-140	1.94	30		
1,4-Dichlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.3		40-140	0.818	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 B033623 - SW-846 3546											
LCS Dup (B033623-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11							
3,3-Dichlorobenzidine	0.782	0.17	mg/Kg wet	1.67		46.9	40-140	11.2	30		
2,4-Dichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130	7.25	30		
Diethylphthalate	1.42	0.34	mg/Kg wet	1.67		85.4	40-140	7.71	30		
2,4-Dimethylphenol	1.24	0.34	mg/Kg wet	1.67		74.4	30-130	7.68	30		
Dimethylphthalate	1.28	0.66	mg/Kg wet	1.67		77.0	40-140	5.91	30		
2,4-Dinitrophenol	1.58	0.66	mg/Kg wet	1.67		95.0	15-140	1.11	30		†
2,4-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		90.3	40-140	4.93	30		
2,6-Dinitrotoluene	1.38	0.34	mg/Kg wet	1.67		82.8	40-140	5.48	30		
Di-n-octylphthalate	1.52	0.66	mg/Kg wet	1.67		91.4	40-140	14.6	30	V-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.13	0.34	mg/Kg wet	1.67		67.8	40-140	11.4	30		
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.7	40-140	7.31	30	V-05	
Fluorene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140	6.87	30		
Hexachlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.2	40-140	10.8	30		
Hexachlorobutadiene	1.14	0.34	mg/Kg wet	1.67		68.2	40-140	3.19	30		
Hexachloroethane	1.20	0.34	mg/Kg wet	1.67		71.7	40-140	4.91	30		
Indeno(1,2,3-cd)pyrene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	6.00	30		
Isophorone	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	13.6	30		
2-Methylnaphthalene	1.18	0.17	mg/Kg wet	1.67		70.6	40-140	7.68	30		
2-Methylphenol	1.12	0.34	mg/Kg wet	1.67		67.3	30-130	10.6	30		
3/4-Methylphenol	0.700	0.34	mg/Kg wet	1.67		42.0	30-130	16.7	30		
Naphthalene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	5.93	30		
Nitrobenzene	1.06	0.34	mg/Kg wet	1.67		63.4	40-140	7.87	30		
2-Nitrophenol	1.12	0.34	mg/Kg wet	1.67		67.1	30-130	6.97	30		
4-Nitrophenol	1.96	0.66	mg/Kg wet	1.67		118	15-140	0.699	30		†
Pentachlorophenol	1.60	0.34	mg/Kg wet	1.67		96.0	30-130	3.26	30		
Phenanthrene	1.08	0.17	mg/Kg wet	1.67		65.1	40-140	5.46	30		
Phenol	1.10	0.34	mg/Kg wet	1.67		66.0	15-140	7.65	30		†
Pyrene	1.00	0.17	mg/Kg wet	1.67		60.2	40-140	10.1	30		
1,2,4-Trichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140	4.35	30		
2,4,5-Trichlorophenol	1.43	0.34	mg/Kg wet	1.67		85.9	30-130	7.14	30		
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9	30-130	5.56	30		
Surrogate: 2-Fluorophenol	*4.93*		mg/Kg wet	6.67		73.9	30-130				
Surrogate: Phenol-d6	*4.65*		mg/Kg wet	6.67		69.8	30-130				
Surrogate: Nitrobenzene-d5	*2.20*		mg/Kg wet	3.33		65.9	30-130				
Surrogate: 2-Fluorobiphenyl	*2.17*		mg/Kg wet	3.33		65.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.31*		mg/Kg wet	6.67		110	30-130				
Surrogate: Terphenyl-d14	*2.41*		mg/Kg wet	3.33		72.2	30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033622 - SW-846 3546										
Blank (B033622-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.242*		mg/Kg wet	0.200		121	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.205*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.174*		mg/Kg wet	0.200		87.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.159*		mg/Kg wet	0.200		79.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033622 - SW-846 3546										
LCS (B033622-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aldrin	0.018	0.0050	mg/Kg wet	0.0200		89.9	40-140			
Aldrin [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.9	40-140			
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		95.5	40-140			
alpha-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		85.9	40-140			
beta-BHC	0.018	0.0050	mg/Kg wet	0.0200		89.4	40-140			
beta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.7	40-140			
delta-BHC	0.018	0.0050	mg/Kg wet	0.0200		88.6	40-140			
delta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.2	40-140			
gamma-BHC (Lindane)	0.019	0.0020	mg/Kg wet	0.0200		94.4	40-140			
gamma-BHC (Lindane) [2C]	0.018	0.0020	mg/Kg wet	0.0200		89.5	40-140			
4,4'-DDD	0.017	0.0040	mg/Kg wet	0.0200		84.4	40-140			
4,4'-DDD [2C]	0.019	0.0040	mg/Kg wet	0.0200		92.6	40-140			
4,4'-DDE	0.017	0.0040	mg/Kg wet	0.0200		85.1	40-140			
4,4'-DDE [2C]	0.019	0.0040	mg/Kg wet	0.0200		93.3	40-140			
4,4'-DDT	0.018	0.0040	mg/Kg wet	0.0200		89.1	40-140			
4,4'-DDT [2C]	0.018	0.0040	mg/Kg wet	0.0200		88.8	40-140			
Dieldrin	0.018	0.0040	mg/Kg wet	0.0200		89.2	40-140			
Dieldrin [2C]	0.019	0.0040	mg/Kg wet	0.0200		94.2	40-140			
Endosulfan I	0.018	0.0050	mg/Kg wet	0.0200		91.6	40-140			
Endosulfan I [2C]	0.019	0.0050	mg/Kg wet	0.0200		92.9	40-140			
Endosulfan II	0.019	0.0080	mg/Kg wet	0.0200		93.8	40-140			
Endosulfan II [2C]	0.019	0.0080	mg/Kg wet	0.0200		93.1	40-140			
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		91.7	40-140			
Endrin	0.019	0.0080	mg/Kg wet	0.0200		95.1	40-140			
Endrin [2C]	0.019	0.0080	mg/Kg wet	0.0200		92.6	40-140			
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Endrin Ketone [2C]	0.020	0.0080	mg/Kg wet	0.0200		100	40-140			
Heptachlor	0.018	0.0050	mg/Kg wet	0.0200		90.7	40-140			
Heptachlor [2C]	0.018	0.0050	mg/Kg wet	0.0200		89.0	40-140			
Heptachlor Epoxide	0.018	0.0050	mg/Kg wet	0.0200		91.9	40-140			
Heptachlor Epoxide [2C]	0.019	0.0050	mg/Kg wet	0.0200		94.7	40-140			
Hexachlorobenzene	0.017	0.0050	mg/Kg wet	0.0200		86.9	40-140			
Hexachlorobenzene [2C]	0.015	0.0050	mg/Kg wet	0.0200		76.3	40-140			
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		126	40-140			
Methoxychlor [2C]	0.020	0.050	mg/Kg wet	0.0200		98.5	40-140			
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.167*		mg/Kg wet	0.200		83.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.153*		mg/Kg wet	0.200		76.7	30-150			
LCS Dup (B033622-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aldrin	0.018	0.0050	mg/Kg wet	0.0200		89.6	40-140	0.312	30	
Aldrin [2C]	0.019	0.0050	mg/Kg wet	0.0200		94.5	40-140	0.653	30	
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		95.2	40-140	0.315	30	
alpha-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.3	40-140	0.389	30	
beta-BHC	0.018	0.0050	mg/Kg wet	0.0200		89.8	40-140	0.424	30	
beta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.9	40-140	0.213	30	
delta-BHC	0.018	0.0050	mg/Kg wet	0.0200		88.3	40-140	0.294	30	
delta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.5	40-140	0.336	30	
gamma-BHC (Lindane)	0.019	0.0020	mg/Kg wet	0.0200		94.2	40-140	0.217	30	
gamma-BHC (Lindane) [2C]	0.018	0.0020	mg/Kg wet	0.0200		90.2	40-140	0.807	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B033622 - SW-846 3546											
LCS Dup (B033622-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11							
4,4'-DDD	0.017	0.0040	mg/Kg wet	0.0200		82.8		40-140	1.90	30	
4,4'-DDD [2C]	0.019	0.0040	mg/Kg wet	0.0200		92.8		40-140	0.189	30	
4,4'-DDE	0.017	0.0040	mg/Kg wet	0.0200		85.7		40-140	0.691	30	
4,4'-DDE [2C]	0.019	0.0040	mg/Kg wet	0.0200		93.8		40-140	0.550	30	
4,4'-DDT	0.018	0.0040	mg/Kg wet	0.0200		88.5		40-140	0.642	30	
4,4'-DDT [2C]	0.018	0.0040	mg/Kg wet	0.0200		88.3		40-140	0.508	30	
Dieldrin	0.018	0.0040	mg/Kg wet	0.0200		89.0		40-140	0.196	30	
Dieldrin [2C]	0.019	0.0040	mg/Kg wet	0.0200		94.6		40-140	0.482	30	
Endosulfan I	0.018	0.0050	mg/Kg wet	0.0200		90.9		40-140	0.806	30	
Endosulfan I [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.4		40-140	0.553	30	
Endosulfan II	0.019	0.0080	mg/Kg wet	0.0200		93.5		40-140	0.379	30	
Endosulfan II [2C]	0.019	0.0080	mg/Kg wet	0.0200		93.2		40-140	0.0805	30	
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		107		40-140	0.528	30	
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		91.6		40-140	0.0709	30	
Endrin	0.019	0.0080	mg/Kg wet	0.0200		94.8		40-140	0.279	30	
Endrin [2C]	0.019	0.0080	mg/Kg wet	0.0200		92.9		40-140	0.302	30	
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		115		40-140	1.76	30	
Endrin Ketone [2C]	0.020	0.0080	mg/Kg wet	0.0200		98.9		40-140	1.05	30	
Heptachlor	0.018	0.0050	mg/Kg wet	0.0200		90.9		40-140	0.281	30	
Heptachlor [2C]	0.018	0.0050	mg/Kg wet	0.0200		89.2		40-140	0.202	30	
Heptachlor Epoxide	0.018	0.0050	mg/Kg wet	0.0200		91.8		40-140	0.0544	30	
Heptachlor Epoxide [2C]	0.019	0.0050	mg/Kg wet	0.0200		94.5		40-140	0.180	30	
Hexachlorobenzene	0.017	0.0050	mg/Kg wet	0.0200		87.2		40-140	0.258	30	
Hexachlorobenzene [2C]	0.015	0.0050	mg/Kg wet	0.0200		76.6		40-140	0.380	30	
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		126		40-140	0.0159	30	
Methoxychlor [2C]	0.020	0.050	mg/Kg wet	0.0200		97.7		40-140	0.765	30	
Surrogate: Decachlorobiphenyl	*0.236*		mg/Kg wet	0.200		118		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.203*		mg/Kg wet	0.200		102		30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg wet	0.200		77.4		30-150			
Matrix Spike (B033622-MS1)		**Source: 11G0272-03**		Prepared: 07/14/11 Analyzed: 07/15/11							
Aldrin	0.018	0.0052	mg/Kg dry	0.0209	ND	88.0		30-150			
Aldrin [2C]	0.019	0.0052	mg/Kg dry	0.0209	ND	89.1		30-150			
alpha-BHC	0.019	0.0052	mg/Kg dry	0.0209	ND	89.3		30-150			
alpha-BHC [2C]	0.017	0.0052	mg/Kg dry	0.0209	ND	81.9		30-150			
beta-BHC	0.019	0.0052	mg/Kg dry	0.0209	ND	89.1		30-150			
beta-BHC [2C]	0.017	0.0052	mg/Kg dry	0.0209	ND	81.2		30-150			
delta-BHC	0.018	0.0052	mg/Kg dry	0.0209	ND	84.6		30-150			
delta-BHC [2C]	0.016	0.0052	mg/Kg dry	0.0209	ND	77.9		30-150			
gamma-BHC (Lindane)	0.019	0.0021	mg/Kg dry	0.0209	ND	91.0		30-150			
gamma-BHC (Lindane) [2C]	0.018	0.0021	mg/Kg dry	0.0209	ND	87.4		30-150			
4,4'-DDD	0.020	0.0042	mg/Kg dry	0.0209	ND	96.0		30-150			
4,4'-DDD [2C]	0.020	0.0042	mg/Kg dry	0.0209	ND	94.0		30-150			
4,4'-DDE	0.024	0.0042	mg/Kg dry	0.0209	ND	114		30-150			
4,4'-DDE [2C]	0.027	0.0042	mg/Kg dry	0.0209	ND	129		30-150			
4,4'-DDT	0.034	0.0042	mg/Kg dry	0.0209	ND	**163**	*	30-150			MS-15
4,4'-DDT [2C]	0.050	0.0042	mg/Kg dry	0.0209	ND	**241**	*	30-150			MS-15
Dieldrin	0.022	0.0042	mg/Kg dry	0.0209	ND	104		30-150			
Dieldrin [2C]	0.030	0.0042	mg/Kg dry	0.0209	ND	144		30-150			
Endosulfan I	0.018	0.0052	mg/Kg dry	0.0209	ND	85.3		30-150			
Endosulfan I [2C]	0.018	0.0052	mg/Kg dry	0.0209	ND	88.0		30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B033622 - SW-846 3546											
Matrix Spike (B033622-MS1)	**Source: 11G0272-03**			Prepared: 07/14/11 Analyzed: 07/15/11							
Endosulfan II	0.020	0.0084	mg/Kg dry	0.0209	ND	93.4		30-150			
Endosulfan II [2C]	0.029	0.0084	mg/Kg dry	0.0209	ND	140		30-150			
Endosulfan Sulfate	0.023	0.0084	mg/Kg dry	0.0209	ND	108		30-150			
Endosulfan Sulfate [2C]	0.021	0.0084	mg/Kg dry	0.0209	ND	102		30-150			
Endrin	0.020	0.0084	mg/Kg dry	0.0209	ND	97.3		30-150			
Endrin [2C]	0.021	0.0084	mg/Kg dry	0.0209	ND	98.5		30-150			
Endrin Ketone	0.025	0.0084	mg/Kg dry	0.0209	ND	119		30-150			
Endrin Ketone [2C]	0.020	0.0084	mg/Kg dry	0.0209	ND	97.0		30-150			
Heptachlor	0.018	0.0052	mg/Kg dry	0.0209	ND	88.2		30-150			
Heptachlor [2C]	0.018	0.0052	mg/Kg dry	0.0209	ND	84.9		30-150			
Heptachlor Epoxide	0.020	0.0052	mg/Kg dry	0.0209	ND	93.4		30-150			
Heptachlor Epoxide [2C]	0.024	0.0052	mg/Kg dry	0.0209	ND	115		30-150			
Hexachlorobenzene	0.018	0.0052	mg/Kg dry	0.0209	ND	87.3		30-150			
Hexachlorobenzene [2C]	0.015	0.0052	mg/Kg dry	0.0209	ND	73.6		30-150			
Methoxychlor	0.028	0.052	mg/Kg dry	0.0209	ND	136		30-150			
Methoxychlor [2C]	0.020	0.052	mg/Kg dry	0.0209	ND	97.3		30-150			
Surrogate: Decachlorobiphenyl	*0.229*		mg/Kg dry	0.209		109		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg dry	0.209		90.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg dry	0.209		80.5		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.152*		mg/Kg dry	0.209		72.8		30-150			
Matrix Spike Dup (B033622-MSD1)	**Source: 11G0272-03**			Prepared: 07/14/11 Analyzed: 07/15/11							
Aldrin	0.019	0.0053	mg/Kg dry	0.0211	ND	89.2		30-150	2.35	30	
Aldrin [2C]	0.019	0.0053	mg/Kg dry	0.0211	ND	91.9		30-150	3.99	30	
alpha-BHC	0.020	0.0053	mg/Kg dry	0.0211	ND	93.5		30-150	5.53	30	
alpha-BHC [2C]	0.018	0.0053	mg/Kg dry	0.0211	ND	84.4		30-150	4.03	30	
beta-BHC	0.019	0.0053	mg/Kg dry	0.0211	ND	89.4		30-150	1.40	30	
beta-BHC [2C]	0.018	0.0053	mg/Kg dry	0.0211	ND	83.1		30-150	3.29	30	
delta-BHC	0.018	0.0053	mg/Kg dry	0.0211	ND	86.8		30-150	3.58	30	
delta-BHC [2C]	0.018	0.0053	mg/Kg dry	0.0211	ND	83.3		30-150	7.65	30	
gamma-BHC (Lindane)	0.020	0.0021	mg/Kg dry	0.0211	ND	93.7		30-150	3.92	30	
gamma-BHC (Lindane) [2C]	0.019	0.0021	mg/Kg dry	0.0211	ND	89.7		30-150	3.55	30	
4,4'-DDD	0.019	0.0042	mg/Kg dry	0.0211	ND	90.0		30-150	5.53	30	
4,4'-DDD [2C]	0.020	0.0042	mg/Kg dry	0.0211	ND	96.5		30-150	3.66	30	
4,4'-DDE	0.024	0.0042	mg/Kg dry	0.0211	ND	114		30-150	0.438	30	
4,4'-DDE [2C]	0.027	0.0042	mg/Kg dry	0.0211	ND	128		30-150	0.129	30	
4,4'-DDT	0.032	0.0042	mg/Kg dry	0.0211	ND	**152**	*	30-150	5.94	30	MS-15
4,4'-DDT [2C]	0.047	0.0042	mg/Kg dry	0.0211	ND	**224**	*	30-150	6.55	30	MS-15
Dieldrin	0.022	0.0042	mg/Kg dry	0.0211	ND	102		30-150	1.01	30	
Dieldrin [2C]	0.029	0.0042	mg/Kg dry	0.0211	ND	136		30-150	4.10	30	
Endosulfan I	0.018	0.0053	mg/Kg dry	0.0211	ND	86.8		30-150	2.69	30	
Endosulfan I [2C]	0.019	0.0053	mg/Kg dry	0.0211	ND	90.0		30-150	3.19	30	
Endosulfan II	0.020	0.0085	mg/Kg dry	0.0211	ND	94.8		30-150	2.47	30	
Endosulfan II [2C]	0.029	0.0085	mg/Kg dry	0.0211	ND	137		30-150	1.36	30	
Endosulfan Sulfate	0.022	0.0085	mg/Kg dry	0.0211	ND	105		30-150	1.49	30	
Endosulfan Sulfate [2C]	0.022	0.0085	mg/Kg dry	0.0211	ND	104		30-150	2.11	30	
Endrin	0.021	0.0085	mg/Kg dry	0.0211	ND	97.3		30-150	1.00	30	
Endrin [2C]	0.021	0.0085	mg/Kg dry	0.0211	ND	99.7		30-150	2.19	30	
Endrin Ketone	0.026	0.0085	mg/Kg dry	0.0211	ND	123		30-150	4.77	30	
Endrin Ketone [2C]	0.021	0.0085	mg/Kg dry	0.0211	ND	97.9		30-150	1.91	30	
Heptachlor	0.019	0.0053	mg/Kg dry	0.0211	ND	89.9		30-150	3.00	30	
Heptachlor [2C]	0.018	0.0053	mg/Kg dry	0.0211	ND	87.4		30-150	3.87	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033622 - SW-846 3546										
Matrix Spike Dup (B033622-MSD1)	**Source: 11G0272-03**			Prepared: 07/14/11 Analyzed: 07/15/11						
Heptachlor Epoxide	0.020	0.0053	mg/Kg dry	0.0211	ND	94.2	30-150	1.89	30	
Heptachlor Epoxide [2C]	0.024	0.0053	mg/Kg dry	0.0211	ND	113	30-150	0.634	30	
Hexachlorobenzene	0.019	0.0053	mg/Kg dry	0.0211	ND	87.9	30-150	1.69	30	
Hexachlorobenzene [2C]	0.016	0.0053	mg/Kg dry	0.0211	ND	75.7	30-150	3.78	30	
Methoxychlor	0.028	0.053	mg/Kg dry	0.0211	ND	132	30-150	1.92	30	
Methoxychlor [2C]	0.021	0.053	mg/Kg dry	0.0211	ND	97.7	30-150	1.47	30	
Surrogate: Decachlorobiphenyl	*0.232*		mg/Kg dry	0.211		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.192*		mg/Kg dry	0.211		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.168*		mg/Kg dry	0.211		79.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg dry	0.211		73.4	30-150			

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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 B033688 - SW-846 3546										
Blank (B033688-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
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	*0.154*		mg/Kg wet	0.200		77.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.151*		mg/Kg wet	0.200		75.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg wet	0.200		88.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.3	30-150			
LCS (B033688-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		90.6	40-140			
Aroclor-1016 [2C]	0.17	0.10	mg/Kg wet	0.200		86.2	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		88.9	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		89.0	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.5	30-150			
LCS Dup (B033688-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		92.1	40-140	1.63	30	
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		88.3	40-140	2.42	30	
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		92.0	40-140	3.47	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		91.9	40-140	3.28	30	
Surrogate: Decachlorobiphenyl	*0.171*		mg/Kg wet	0.200		85.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.166*		mg/Kg wet	0.200		83.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg wet	0.200		92.5	30-150			

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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 B033688 - SW-846 3546										
Matrix Spike (B033688-MS1)	**Source: 11G0272-03**			Prepared: 07/14/11 Analyzed: 07/16/11						
Aroclor-1016	0.18	0.10	mg/Kg dry	0.205	ND	87.9	40-140			
Aroclor-1016 [2C]	0.18	0.10	mg/Kg dry	0.205	ND	86.9	40-140			
Aroclor-1260	0.25	0.10	mg/Kg dry	0.205	ND	121	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg dry	0.205	ND	121	40-140			
Surrogate: Decachlorobiphenyl	*0.139*		mg/Kg dry	0.205		67.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.136*		mg/Kg dry	0.205		66.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.168*		mg/Kg dry	0.205		82.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.180*		mg/Kg dry	0.205		87.5	30-150			
Matrix Spike Dup (B033688-MSD1)	**Source: 11G0272-03**			Prepared: 07/14/11 Analyzed: 07/16/11						
Aroclor-1016	0.16	0.10	mg/Kg dry	0.205	ND	79.7	40-140	9.89	50	
Aroclor-1016 [2C]	0.16	0.10	mg/Kg dry	0.205	ND	78.7	40-140	9.97	50	
Aroclor-1260	0.22	0.10	mg/Kg dry	0.205	ND	107	40-140	13.0	50	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg dry	0.205	ND	106	40-140	13.2	50	
Surrogate: Decachlorobiphenyl	*0.137*		mg/Kg dry	0.205		66.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.134*		mg/Kg dry	0.205		65.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.147*		mg/Kg dry	0.205		71.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.155*		mg/Kg dry	0.205		75.7	30-150			

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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 B033601 - SW-846 7471										
Blank (B033601-BLK1)				Prepared & Analyzed: 07/14/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B033601-BS1)				Prepared & Analyzed: 07/14/11						
Mercury	1.04	0.093	mg/Kg wet	1.25		83.0	66-132			
LCS Dup (B033601-BSD1)				Prepared & Analyzed: 07/14/11						
Mercury	1.04	0.092	mg/Kg wet	1.25		82.9	66-132	0.102	30	
Duplicate (B033601-DUP1)	**Source: 11G0272-03**			Prepared & Analyzed: 07/14/11						
Mercury	ND	0.026	mg/Kg dry		ND			NC	35	
Matrix Spike (B033601-MS1)	**Source: 11G0272-03**			Prepared & Analyzed: 07/14/11						
Mercury	0.197	0.026	mg/Kg dry	0.175	0.0191	101	75-125			
Batch B033659 - SW-846 3050B										
Blank (B033659-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
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 (B033659-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Arsenic	95.3	5.0	mg/Kg wet	92.6		103	83.2-117.4			
Barium	186	5.0	mg/Kg wet	169		110	83.1-116.9			
Cadmium	69.3	0.50	mg/Kg wet	61.8		112	80.7-119.1			
Chromium	78.6	1.0	mg/Kg wet	71.3		110	80.6-119.9			
Lead	89.9	1.5	mg/Kg wet	92.4		97.3	78.9-121.1			
Selenium	90.8	10	mg/Kg wet	89.5		101	79.2-120.3			
Silver	35.2	1.0	mg/Kg wet	34.4		102	66.3-133.7			
LCS (B033659-BS2)				Prepared: 07/14/11 Analyzed: 07/15/11						
Lead	0.734	0.76	mg/Kg wet	0.763		96.2	80-120			
LCS Dup (B033659-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Arsenic	94.9	5.0	mg/Kg wet	92.6		103	83.2-117.4	0.352	30	
Barium	176	5.0	mg/Kg wet	169		104	83.1-116.9	5.62	30	
Cadmium	66.5	0.50	mg/Kg wet	61.8		108	80.7-119.1	4.14	30	
Chromium	75.2	1.0	mg/Kg wet	71.3		105	80.6-119.9	4.42	30	
Lead	87.4	1.5	mg/Kg wet	92.4		94.5	78.9-121.1	2.85	30	
Selenium	89.6	10	mg/Kg wet	89.5		100	79.2-120.3	1.36	30	
Silver	33.3	1.0	mg/Kg wet	34.4		96.8	66.3-133.7	5.65	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 B033674 - SW-846 9014										
Blank (B033674-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Reactive Cyanide	ND	4.0	mg/Kg							
LCS (B033674-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B033675 - SW-846 9030A										
Blank (B033675-BLK1)				Prepared & Analyzed: 07/14/11						
Reactive Sulfide	ND	20	mg/Kg							
LCS (B033675-BS1)				Prepared & Analyzed: 07/14/11						
Reactive Sulfide	11	2.0	mg/Kg	15.2		73.7	0-200			
Batch B033747 - SW-846 9045C										
Duplicate (B033747-DUP1)	**Source: 11G0272-04**			Prepared & Analyzed: 07/13/11						
pH	6.9		pH Units		6.8			2.18	8.06	

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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 B033946 - SW-846 3010A										
Blank (B033946-BLK1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B033946-BS1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Chromium	0.534	0.010	mg/L	0.500		107	80-120			
Lead	0.498	0.010	mg/L	0.500		99.5	80-120			
LCS Dup (B033946-BSD1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Chromium	0.527	0.010	mg/L	0.500		105	80-120	1.23	20	
Lead	0.496	0.010	mg/L	0.500		99.2	80-120	0.355	20	

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BREAKDOWN REPORT

Lab Sample ID:	S000857-PEM1	Analyzed:	07/15/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	0.00

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	0.00

BREAKDOWN REPORT

Lab Sample ID:	S000860-PEM1	Analyzed:	07/18/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	1.41

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	1.95

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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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
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.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
S-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.
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. Increased 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-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 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Chromium	NY,CT,ME,NC,NH
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,3-Trichloropropane	NH,NY,NC,ME
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

1160272

Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: City of New Bedford MBTS RAM Disposal
Sampled By: C Foster

Project Proposal Provided? (for billing purposes) ⊗ yes 2007 proposal date

Telephone: 978-970-5600
Project #: 115058
Client PO#: 35060

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

		Analysis	Pest, PCB, SVOC, HERB	RCRA-8 Metals Hold TCLP	VOC's High + Low level	Ignitability, Corrosivity,	Reactive Sulfide + ~~Reactive Cyanide~~	Reactive Cyanide					
		# of Containers	3	3	3	3	3	3					
		** Preservation	I	I	M/I	I	I	I					
		***Container Code	A	A	V	A	A	A					

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	Pest, PCB, SVOC, HERB	RCRA-8 Metals Hold TCLP	VOC's High + Low level	Ignitability, Corrosivity	Reactive Sulfide	Reactive Cyanide
-01	STKP-A-1	7/12/11 1140	7/12/11 1140	X	VOA	S	U	X	X/H	X	X	X	X
-02	STKP-A-2	7/12/11 1200	7/12/11 1200	X	VOA	S	U	X	X/H	X	X	X	X
-03	STKP-A-3	7/12/11 1215	7/12/11 1215	X	VOA	S	U	X	X/H	X	X	X	X
-04	STKP-A-4	7/12/11 1225	7/12/11 1225	X	VOA	S	U	X	X/H	X	X	X	X
-05	TB-01	LAB	LAB		X	O	L			X			

Ⓐ extract and hold TCLP per attached email. (MR) 7/14/11
Ⓑ herbicide on a 10 day TAT, work order 11G0351. (MR) 7/14/11

Comments: H = HOLD FOR POTENTIAL TCLP POST Metals Results
07-12-11 17:35 IN

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

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 DI

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

Relinquished by: (signature)	Date/Time:
[signature]	07/12/11 1600
Received by: (signature) Steph Malfa	7-12-11 1600
Relinquished by: (signature) Steph Malfa	7-12-11 1720
Received by: (signature) [signature] 5.0°C	7/12/11 1720

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

Is your project MCP or RCP ?
⊗ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID #

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Wednesday, July 13, 2011 9:59 AM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

Ok, we'll go with the "extract and hold" approach then.

The first set of samples was picked up yesterday afternoon by a courier, so that is not currently indicated on the chain-of-custody. Can you please notify the lab of the change?

I have let the field staff know to indicate it on any future chains.

Thanks!

-Jeff

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Wednesday, July 13, 2011 9:43 AM
To: Saunders, Jeffry (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

I would say it would probably buy you more time if the sample is extracted and held for TCLP metals.

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Wednesday, July 13, 2011 9:38 AM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

The TCLP analyses would ultimately be based on the total metals results we get, so I'm not sure what metals at this point. Likely lead and possibly other.

We would just want to turn around those TCLP results relatively quickly following review of the total results. 48 hours is pretty good, so if the "extract and hold" approach isn't going to buy us much time it may not be worth it. Would this approach increase that turn at all? Just exploring our options for balancing timing and costs.

-Jeff

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Wednesday, July 13, 2011 9:05 AM
To: Saunders, Jeffry (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

Hi Jeff,

We can do an "extract and hold" for the TCLP analysis, we also can usually turn TCLP (metals) data in 48 hours. I'm not sure how fast you are looking to get the data but each is a possibility. What TCLP analysis will you be doing? If you would like the sampled extracted and held, please make sure it is noted on the COC. Let me know if you have any additional questions.

-Meghan

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, July 12, 2011 3:28 PM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

Meghan,

Understanding that we would be paying a bit upfront, would it be possible/make sense to run the TCLP extraction for the samples Charlie is collecting this week so that, should we need to authorize any/all of the TCLP analyses, the data could be turned around more rapidly? Just a thought that came up today during some project discussions.

Thanks.

-Jeff

From: Theresa Ferrentino [mailto:tferrentino@contestlabs.com]
Sent: Monday, July 11, 2011 2:59 PM
To: Saunders, Jeffry (Lowell,MA-US); 'Meghan Kelley'
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

Hi Jeff,

Attached is pricing for your disposal characterization project. Please let me know if you should have any questions.

And thank you so much for this opportunity!

Theresa

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Monday, July 11, 2011 2:47 PM
To: Meghan Kelley
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); 'Theresa Ferrentino'
Subject: RE: Disposal Characterization Sampling

Awesome, thanks!

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Monday, July 11, 2011 2:43 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); 'Theresa Ferrentino'
Subject: RE: Disposal Characterization Sampling

All set Jeff, I have the bottle order scheduled for delivery in NB around 8:30-9:00 tomorrow.

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Monday, July 11, 2011 1:53 PM
To: Meghan Kelley
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); Theresa Ferrentino
Subject: Disposal Characterization Sampling
Importance: High

Meghan,

We are planning to conduct some soil stockpile characterization sampling in New Bedford beginning this week. As such, I was hoping you could have the following sets of bottles delivered to the site tomorrow:

- One (1) set for the COMM-97 parameters:
  - Arsenic, Cadmium, Chromium, Lead & Mercury
  - TCLP Metals (Hold)
  - VOCs
  - SVOCs
  - PCBs
  - TPH (DRO)
  - Conductivity

- Nine (9) sets for following parameters:
  - RCRA-8 Metals
  - TCLP Metals (Hold)
  - VOCs
  - SVOCs
  - Pesticides & Herbicides
  - PCBs
  - Ignitability
  - Corrosivity
  - Reactive Sulfide
  - Reactive Cyanide

Please supply the set for the COMM-97 parameters in a separate cooler from the other nine sets. All of the samples will be on a standard 5-day turnaround time, including the subcontracted pesticides/herbicides if that can facilitated. Could you please have a quote emailed to me for PO purposes?

Charles Foster will be onsite to receive the bottles at the City of New Bedford – Shawmut Avenue Transfer Station. The address is as follows:

1103 Shawmut Avenue
New Bedford, MA 02746

His cell phone number is 978-158-3792 and he should be onsite by approximately 7:30 am tomorrow morning. It would be great if the bottles could be dropped off tomorrow morning, but please let me if this is not feasible with your current courier schedule (I know it is somewhat short notice). Charles will also coordinate sample pick up(s) by the courier as needed.

Please let me know if you have any questions or concerns.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0272
Project Location: City of New Bedford NBHS Ram Disposal	RTN:

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

11G0272-01 thru 11G0272-05

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]
	<u>Data User Note:</u> 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 Director

Printed Name: Michael A. Erickson Date: 07/20/11

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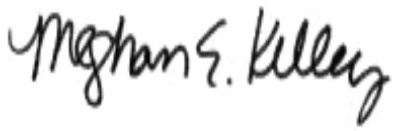
July 28, 2011

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

Project Location: City of New Bedford NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0351

Enclosed are results of analyses for samples received by the laboratory on July 12, 2011. 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: 7/28/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0351

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-A-1	11G0351-01	Soil		SM 2540G	
				SW-846 8151A	
STKP-A-2	11G0351-02	Soil		SM 2540G	
				SW-846 8151A	
STKP-A-3	11G0351-03	Soil		SM 2540G	
				SW-846 8151A	
STKP-A-4	11G0351-04	Soil		SM 2540G	
				SW-846 8151A	

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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 - 2,4,5-TP (Silvex) reported for sample -02.

For method 8151A, samples were esterified on 7/26/11.

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

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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 NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-1 Sampled: 7/12/2011 11:40

Sample ID: 11G0351-01

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
2,4-DB [1]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
2,4,5-TP (Silvex) [1]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
2,4,5-T [1]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
Dalalpon [1]	ND	66	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
Dicamba [1]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
Dichloroprop [1]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
Dinoseb [1]	ND	13	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
MCPA [1]	ND	2600	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM
MCPP [1]	ND	2600	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 13:40	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	86.8	30-150		7/27/11 13:40	
2,4-Dichlorophenylacetic acid [2]	83.4	30-150		7/27/11 13:40	

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-1 Sampled: 7/12/2011 11:40

Sample ID: 11G0351-01

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	91.9		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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

Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-2 Sampled: 7/12/2011 12:00

Sample ID: 11G0351-02

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
2,4-DB [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
2,4,5-TP (Silvex) [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
2,4,5-T [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
Dalalpon [1]	ND	67	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
Dicamba [2]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
Dichloroprop [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
Dinoseb [1]	ND	13	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
MCPA [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM
MCPP [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:06	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
2,4-Dichlorophenylacetic acid [1]	85.9	30-150		7/27/11 14:06
2,4-Dichlorophenylacetic acid [2]	82.8	30-150		7/27/11 14:06

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

Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-2 Sampled: 7/12/2011 12:00

Sample ID: 11G0351-02

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	90.8		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-3 | Sampled: 7/12/2011 12:15

Sample ID: 11G0351-03

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
2,4-DB [1]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
2,4,5-TP (Silvex) [2]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
2,4,5-T [2]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
Dalalpon [1]	ND	65	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
Dicamba [1]	ND	2.6	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
Dichloroprop [2]	ND	26	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
Dinoseb [1]	ND	13	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
MCPA [2]	ND	2600	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM
MCPP [2]	ND	2600	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:32	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	78.8	30-150			7/27/11 14:32
2,4-Dichlorophenylacetic acid [2]	80.3	30-150			7/27/11 14:32

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-3 Sampled: 7/12/2011 12:15

Sample ID: 11G0351-03

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
% Solids	96.8		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-4 | Sampled: 7/12/2011 12:25

Sample ID: 11G0351-04

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
2,4-DB [1]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
2,4,5-TP (Silvex) [1]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
2,4,5-T [2]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
Dalalpon [1]	ND	72	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
Dicamba [1]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
Dichloroprop [1]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
Dinoseb [2]	ND	14	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
MCPA [1]	ND	2900	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM
MCPP [1]	ND	2900	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 14:57	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	85.4	30-150		7/27/11	14:57
2,4-Dichlorophenylacetic acid [2]	92.0	30-150		7/27/11	14:57

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

Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0351

Date Received: 7/12/2011

Field Sample #: STKP-A-4 Sampled: 7/12/2011 12:25

Sample ID: 11G0351-04

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	85.4		% Wt	1		SM 2540G	7/15/11	7/18/11 10:38	VAF

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0351-01 [STKP-A-1]	B033764	07/15/11
11G0351-02 [STKP-A-2]	B033764	07/15/11
11G0351-03 [STKP-A-3]	B033764	07/15/11
11G0351-04 [STKP-A-4]	B033764	07/15/11

Prep Method: SW-846 8151-SW-846 8151A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0351-01 [STKP-A-1]	B033759	20.6	5.00	07/15/11
11G0351-02 [STKP-A-2]	B033759	20.4	5.00	07/15/11
11G0351-03 [STKP-A-3]	B033759	20.0	5.00	07/15/11
11G0351-04 [STKP-A-4]	B033759	20.3	5.00	07/15/11

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QUALITY CONTROL

Herbicides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033759 - SW-846 8151										
Blank (B033759-BLK1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	ND	24	µg/Kg wet							
2,4-D [2C]	ND	24	µg/Kg wet							
2,4-DB	ND	24	µg/Kg wet							
2,4-DB [2C]	ND	24	µg/Kg wet							
2,4,5-TP (Silvex)	ND	2.4	µg/Kg wet							
2,4,5-TP (Silvex) [2C]	ND	2.4	µg/Kg wet							
2,4,5-T	ND	2.4	µg/Kg wet							
2,4,5-T [2C]	ND	2.4	µg/Kg wet							
Dalapon	ND	60	µg/Kg wet							
Dalapon [2C]	ND	60	µg/Kg wet							
Dicamba	ND	2.4	µg/Kg wet							
Dicamba [2C]	ND	2.4	µg/Kg wet							
Dichloroprop	ND	24	µg/Kg wet							
Dichloroprop [2C]	ND	24	µg/Kg wet							
Dinoseb	ND	12	µg/Kg wet							
Dinoseb [2C]	ND	12	µg/Kg wet							
MCPA	ND	2400	µg/Kg wet							
MCPA [2C]	ND	2400	µg/Kg wet							
MCPP	ND	2400	µg/Kg wet							
MCPP [2C]	ND	2400	µg/Kg wet							
Surrogate: 2,4-Dichlorophenylacetic acid	*79.7*		µg/Kg wet	95.2		83.7	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*76.2*		µg/Kg wet	95.2		80.0	30-150			
LCS (B033759-BS1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	55.5	24	µg/Kg wet	121		45.7	40-140			
2,4-D [2C]	60.6	24	µg/Kg wet	121		50.0	40-140			
2,4-DB	53.6	24	µg/Kg wet	121		44.2	40-140			
2,4-DB [2C]	57.4	24	µg/Kg wet	121		47.3	40-140			
2,4,5-TP (Silvex)	6.69	2.4	µg/Kg wet	12.1		55.1	40-140			
2,4,5-TP (Silvex) [2C]	7.25	2.4	µg/Kg wet	12.1		59.7	40-140			
2,4,5-T	5.80	2.4	µg/Kg wet	12.1		47.8	40-140			
2,4,5-T [2C]	6.86	2.4	µg/Kg wet	12.1		56.5	40-140			
Dalapon	128	61	µg/Kg wet	303		42.1	40-140			
Dalapon [2C]	126	61	µg/Kg wet	303		41.5	40-140			
Dicamba	7.26	2.4	µg/Kg wet	12.1		59.8	40-140			
Dicamba [2C]	7.53	2.4	µg/Kg wet	12.1		62.0	40-140			
Dichloroprop	81.7	24	µg/Kg wet	121		67.3	40-140			
Dichloroprop [2C]	79.8	24	µg/Kg wet	121		65.7	40-140			
Dinoseb	10.3	12	µg/Kg wet	60.7		17.0	10-140			
Dinoseb [2C]	12.0	12	µg/Kg wet	60.7		19.8	10-140			
MCPA	6330	2400	µg/Kg wet	12100		52.2	40-140			
MCPA [2C]	6240	2400	µg/Kg wet	12100		51.4	40-140			
MCPP	6150	2400	µg/Kg wet	12100		50.6	40-140			
MCPP [2C]	6210	2400	µg/Kg wet	12100		51.2	40-140			
Surrogate: 2,4-Dichlorophenylacetic acid	*63.8*		µg/Kg wet	97.1		65.8	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*61.9*		µg/Kg wet	97.1		63.7	30-150			

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QUALITY CONTROL

Herbicides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033759 - SW-846 8151										
LCS Dup (B033759-BSD1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	72.2	24	µg/Kg wet	121		59.5	40-140	26.1	30	
2,4-D [2C]	72.7	24	µg/Kg wet	121		59.9	40-140	18.0	30	
2,4-DB	67.5	24	µg/Kg wet	121		55.6	40-140	22.9	30	
2,4-DB [2C]	70.9	24	µg/Kg wet	121		58.4	40-140	21.0	30	
2,4,5-TP (Silvex)	7.54	2.4	µg/Kg wet	12.1		62.1	40-140	11.9	30	
2,4,5-TP (Silvex) [2C]	8.32	2.4	µg/Kg wet	12.1		68.6	40-140	13.8	30	
2,4,5-T	6.80	2.4	µg/Kg wet	12.1		56.0	40-140	15.8	30	
2,4,5-T [2C]	9.22	2.4	µg/Kg wet	12.1		76.0	40-140	29.4	30	
Dalapon	147	61	µg/Kg wet	303		48.6	40-140	14.3	30	
Dalapon [2C]	145	61	µg/Kg wet	303		47.9	40-140	14.4	30	
Dicamba	8.70	2.4	µg/Kg wet	12.1		71.7	40-140	18.1	30	
Dicamba [2C]	8.36	2.4	µg/Kg wet	12.1		68.9	40-140	10.4	30	
Dichloroprop	94.6	24	µg/Kg wet	121		78.0	40-140	14.7	30	
Dichloroprop [2C]	92.4	24	µg/Kg wet	121		76.1	40-140	14.6	30	
Dinoseb	11.5	12	µg/Kg wet	60.7		18.9	10-140	10.7	30	
Dinoseb [2C]	13.8	12	µg/Kg wet	60.7		22.7	10-140	13.8	30	
MCPA	7370	2400	µg/Kg wet	12100		60.7	40-140	15.1	30	
MCPA [2C]	7220	2400	µg/Kg wet	12100		59.5	40-140	14.6	30	
MCPP	6960	2400	µg/Kg wet	12100		57.4	40-140	12.5	30	
MCPP [2C]	7150	2400	µg/Kg wet	12100		58.9	40-140	14.0	30	
Surrogate: 2,4-Dichlorophenylacetic acid	*76.0*		µg/Kg wet	97.1		78.2	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*72.6*		µg/Kg wet	97.1		74.8	30-150			
Matrix Spike (B033759-MS1)		**Source: 11G0351-01**		Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	80.2	26	µg/Kg dry	132	ND	60.7	30-150			
2,4-D [2C]	88.3	26	µg/Kg dry	132	ND	66.9	30-150			
2,4-DB	42.5	26	µg/Kg dry	132	ND	32.2	30-150			
2,4-DB [2C]	57.7	26	µg/Kg dry	132	ND	43.7	30-150			
2,4,5-TP (Silvex)	7.33	2.6	µg/Kg dry	13.2	ND	55.5	30-150			
2,4,5-TP (Silvex) [2C]	9.10	2.6	µg/Kg dry	13.2	ND	68.9	30-150			
2,4,5-T	8.19	2.6	µg/Kg dry	13.2	ND	62.0	30-150			
2,4,5-T [2C]	9.91	2.6	µg/Kg dry	13.2	ND	75.1	30-150			
Dalapon	213	66	µg/Kg dry	330	ND	64.6	30-150			
Dalapon [2C]	213	66	µg/Kg dry	330	ND	64.5	30-150			
Dicamba	10.1	2.6	µg/Kg dry	13.2	1.64	64.4	30-150			
Dicamba [2C]	10.4	2.6	µg/Kg dry	13.2	ND	78.8	30-150			
Dichloroprop	109	26	µg/Kg dry	132	ND	82.5	30-150			
Dichloroprop [2C]	102	26	µg/Kg dry	132	ND	77.4	30-150			
Dinoseb	14.0	13	µg/Kg dry	66.0	3.85	15.4	10-150			
Dinoseb [2C]	13.4	13	µg/Kg dry	66.0	ND	20.2	10-150			
MCPA	9670	2600	µg/Kg dry	13200	ND	73.2	30-150			
MCPA [2C]	9090	2600	µg/Kg dry	13200	ND	68.9	30-150			
MCPP	9490	2600	µg/Kg dry	13200	ND	71.9	30-150			
MCPP [2C]	8070	2600	µg/Kg dry	13200	ND	61.1	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid	*78.3*		µg/Kg dry	106		74.1	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*83.1*		µg/Kg dry	106		78.6	30-150			

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QUALITY CONTROL

Herbicides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033759 - SW-846 8151										
Matrix Spike Dup (B033759-MSD1)	**Source: 11G0351-01**		Prepared: 07/15/11 Analyzed: 07/27/11							
2,4-D	81.0	26	µg/Kg dry	132	ND	61.4	30-150	1.10	30	
2,4-D [2C]	88.3	26	µg/Kg dry	132	ND	66.9	30-150	0.0640	30	
2,4-DB	42.0	26	µg/Kg dry	132	ND	31.8	30-150	1.06	30	
2,4-DB [2C]	60.2	26	µg/Kg dry	132	ND	45.6	30-150	4.17	30	
2,4,5-TP (Silvex)	7.37	2.6	µg/Kg dry	13.2	ND	55.8	30-150	0.428	30	
2,4,5-TP (Silvex) [2C]	9.00	2.6	µg/Kg dry	13.2	ND	68.1	30-150	1.08	30	
2,4,5-T	8.29	2.6	µg/Kg dry	13.2	ND	62.8	30-150	1.26	30	
2,4,5-T [2C]	9.96	2.6	µg/Kg dry	13.2	ND	75.4	30-150	0.441	30	
Dalapon	212	66	µg/Kg dry	330	ND	64.3	30-150	0.550	30	
Dalapon [2C]	211	66	µg/Kg dry	330	ND	64.0	30-150	0.743	30	
Dicamba	10.1	2.6	µg/Kg dry	13.2	1.64	64.2	30-150	0.326	30	
Dicamba [2C]	10.5	2.6	µg/Kg dry	13.2	ND	79.3	30-150	0.701	30	
Dichloroprop	108	26	µg/Kg dry	132	ND	81.9	30-150	0.745	30	
Dichloroprop [2C]	102	26	µg/Kg dry	132	ND	77.1	30-150	0.378	30	
Dinoseb	13.9	13	µg/Kg dry	66.0	3.85	15.2	10-150	0.630	30	
Dinoseb [2C]	12.5	13	µg/Kg dry	66.0	ND	19.0	10-150	6.49	30	
MCPA	9620	2600	µg/Kg dry	13200	ND	72.9	30-150	0.444	30	
MCPA [2C]	9040	2600	µg/Kg dry	13200	ND	68.4	30-150	0.635	30	
MCPP	9390	2600	µg/Kg dry	13200	ND	71.1	30-150	1.00	30	
MCPP [2C]	7500	2600	µg/Kg dry	13200	ND	56.8	30-150	7.40	30	
Surrogate: 2,4-Dichlorophenylacetic acid	*78.2*		µg/Kg dry	106		74.0	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*83.7*		µg/Kg dry	106		79.2	30-150			

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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 B033764 - % Solids										
Duplicate (B033764-DUP2)	**Source: 11G0351-02**		Prepared: 07/15/11 Analyzed: 07/18/11							
% Solids	91.6		% Wt		90.8			0.877	20	

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8151A in Soil	
2,4-D	NY,ME,NC,NH
2,4-D [2C]	NY,ME,NC,NH
2,4-DB	NY,ME,NC,NH
2,4-DB [2C]	NY,ME,NC,NH
2,4,5-TP (Silvex)	NY,ME,NC,NH
2,4,5-TP (Silvex) [2C]	NY,ME,NC,NH
2,4,5-T	NY,ME,NC,NH
2,4,5-T [2C]	NY,ME,NC,NH
Dalapon	NY,ME,NC,NH
Dalapon [2C]	NY,ME,NC,NH
Dicamba	NY,ME,NC,NH
Dicamba [2C]	NY,ME,NC,NH
Dichloroprop	NY,ME,NC,NH
Dichloroprop [2C]	NY,ME,NC,NH
Dinoseb	NY,ME,NC,NH
Dinoseb [2C]	NY,ME,NC,NH
MCPA	NY,ME,NC,NH
MCPA [2C]	NY,ME,NC,NH
MCPP	NY,ME,NC,NH
MCPP [2C]	NY,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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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

1160 ~~277~~ 351

Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: City of New Bedford NBHS RAM Disposal
Sampled By: C Foster

Project Proposal Provided? (for billing purposes) yes 2007 proposal date

Telephone: 978-970-5600
Project # 115058
Client PO# 35060

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

								# of Containers	3	3	3	3	3	3
								** Preservation	I	I	M/O	I	I	I
								***Container Code	A	A	V	A	A	A
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		Pest, PCB, SVOC, HERB	RCRA-8 Metals Hold TCLP	VOC's High + low level	Ignitability, Corrosivity,	Reactive Sulfide + ~~Reactive Cyanide~~	Reactive Cyanide
-01	STKP-A-1	7/12/11 1140	7/12/11 1140	X	VOA	S	U		X	X/H	X	X	X	X
-02	STKP-A-2	7/12/11 1200	7/12/11 1200	X	VOA	S	U		X	X/H	X	X	X	X
-03	STKP-A-3	7/12/11 1215	7/12/11 1215	X	VOA	S	U		X	X/H	X	X	X	X
-04	STKP-A-4	7/12/11 1225	7/12/11 1225	X	VOA	S	U		X	X/H	X	X	X	X
~~-05~~	TB-01	LAB	LAB		X	O	L				X			

ANALYSIS REQUESTED

* Extract and hold TCLP per attached email. MP 7/14/11

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 DI

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

Comments: H = HOLD FOR POTENTIAL TCLP Post Metals Results
07-12-11 17:35 IN

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

Signature	Date/Time
Relinquished by: (signature) [signature]	07/12/11 1600
Received by: (signature) Steph Malfa	7-12-11 1600
Relinquished by: (signature) Steph Malfa	7-12-11 1720
Received by: (signature) [signature] 5.0°C	7/12/11 1722

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

Is your project MCP or RCP ?
☒ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID #

nelac AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: [signature] DATE: 7/12/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
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 5.0°C 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 RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: LG

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	12
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12 15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5
Bisulfate _____ # DI Water 10
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 07-12-11 17:35 IN

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

Doc# 277
Rev. 1 May 2011

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0351
Project Location: City of New Bedford NBHS Ram Disposal	RTN:

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

11G0351-01 thru 11G0351-04

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C (X)	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	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: 07/28/11

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

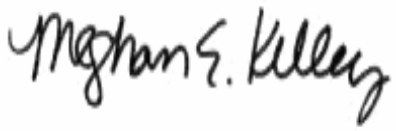
August 17, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0568

Enclosed are results of analyses for samples received by the laboratory on August 15, 2011. 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: 8/17/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0568

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-A-TPH-E	11H0568-01	Soil		SM 2540G SW-846 8100 Modified	
STKP-A-TPH-W	11H0568-02	Soil		SM 2540G SW-846 8100 Modified	

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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.

SW-846 8100 Modified

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

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, MA | Sample Description: | Work Order: 11H0568

Date Received: 8/15/2011

Field Sample #: STKP-A-TPH-E | Sampled: 8/15/2011 11:00

Sample ID: 11H0568-01

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	240	93	mg/Kg dry	10		SW-846 8100 Modified	8/15/11	8/17/11 13:33	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	85.3	40-140					8/17/11 13:33

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0568

Date Received: 8/15/2011

Field Sample #: STKP-A-TPH-E | Sampled: 8/15/2011 11:00

Sample ID: 11H0568-01

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	89.6		% Wt	1		SM 2540G	8/15/11	8/16/11 9:34	MXG

con-test® ANALYTICAL LABORATORY
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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0568

Date Received: 8/15/2011

Field Sample #: STKP-A-TPH-W | Sampled: 8/15/2011 11:30

Sample ID: 11H0568-02

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	280	92	mg/Kg dry	10		SW-846 8100 Modified	8/15/11	8/17/11 13:52	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	85.3	40-140					8/17/11 13:52

con-test® ANALYTICAL LABORATORY
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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0568

Date Received: 8/15/2011

Field Sample #: STKP-A-TPH-W | Sampled: 8/15/2011 11:30

Sample ID: 11H0568-02

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	90.6		% Wt	1		SM 2540G	8/15/11	8/16/11 9:34	MXG

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0568-01 [STKP-A-TPH-E]	B035532	08/15/11
11H0568-02 [STKP-A-TPH-W]	B035532	08/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0568-01 [STKP-A-TPH-E]	B035460	30.1	1.00	08/15/11
11H0568-02 [STKP-A-TPH-W]	B035460	30.1	1.00	08/15/11

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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 B035460 - SW-846 3546										
Blank (B035460-BLK1)				Prepared: 08/15/11 Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.13*		mg/Kg wet	3.33		93.8	40-140			
LCS (B035460-BS1)				Prepared: 08/15/11 Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	23.1	8.3	mg/Kg wet	33.3		69.4	40-140			
Surrogate: o-Terphenyl	*2.65*		mg/Kg wet	3.33		79.5	40-140			
LCS Dup (B035460-BSD1)				Prepared: 08/15/11 Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	26.2	8.3	mg/Kg wet	33.3		78.6	40-140	12.4	30	
Surrogate: o-Terphenyl	*3.02*		mg/Kg wet	3.33		90.7	40-140			

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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.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

11H0568

CHAIN OF CUSTODY RECORD

con-test ANALYTICAL LABORATORY

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Email: info@contestlabs.com
www.contestlabs.com

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

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA.
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD
Sampled By: JF

Telephone: (978) 970-5600
Project # 115058
Client PO #

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 ______ proposal date

State Form Required? ☐ yes ☐ no

ANALYSIS REQUESTED: TPH BY 8100 M.DEO (TPH)
# of containers: 2
**Preservation: I
~Cont.Code:

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	TPH BY 8100 M.DEO
	STKP-A-TPH-E	-1	8/15	11:00	✓		S	U	✓
	STKP-A-TPH-W	-2	8/15	11:30	✓		S	U	✓

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

Client Comments:

Laboratory Comments:
(TPH) TPH8100 per Jeff Saunders. MK 8/16/2011

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

Signature	Date/Time
Relinquished by: (signature) [signature]	8/15 12:20
Received by: (signature) [signature]	8/14/11 12:20
Relinquished by: (signature) [signature]	8/14/11 1940
Received by: (signature) [signature] 23°C	8-15-11 1940

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

Detection Limit Requirements
Regulations? MCP COMM 97.
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***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

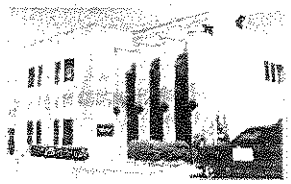
** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

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

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: MK DATE: 8/15/11

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

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 [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

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 2.3°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified Mitch Date 8-15 Time 14:30

7) Location where samples are stored: log-in

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	2
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

Stockpile A2

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

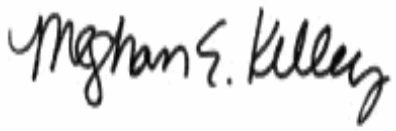
August 29, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0903

Enclosed are results of analyses for samples received by the laboratory on August 23, 2011. 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: 8/29/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0903

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP A2 1	11H0903-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP A2 2	11H0903-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 8/29/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0903

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP A2 3	11H0903-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP A2 4	11H0903-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4]

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

Analyte & Samples(s) Qualified:

4,4'-DDT, 4,4'-DDT [2C], Methoxychlor, Methoxychlor [2C]

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4]

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:

4,4'-DDD, 4,4'-DDD [2C]

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene)

B036104-BS1, B036104-BSD1

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:

Vinyl Chloride

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B036104-BLK1, B036104-BS1, B036104-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:

Naphthalene

B036104-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:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B036104-BLK1, B036104-BS1, B036104-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:

1,2-Dibromo-3-chloropropane (DBCP)

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B036104-BLK1, B036104-BS1, B036104-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, Naphthalene

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B036104-BLK1, B036104-BS1, B036104-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

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B036104-BLK1, B036104-BS1, B036104-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:

1,2-Dichloroethane

B036104-BS1, B036104-BSD1

SW-846 8270D

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:

Aniline

B035996-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

B035996-BS1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4]

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

Analyte & Samples(s) Qualified:

4-Nitrophenol, Benzo(g,h,i)perylene, Bis(2-chloroisopropyl)ether, Dibenz(a,h)anthracene

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B035996-BLK1, B035996-BS1, B035996-BSD1

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

Analyte & Samples(s) Qualified:

Indeno(1,2,3-cd)pyrene

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3], 11H0903-04[STKP A2 4], B035996-BLK1, B035996-BS1, B035996-BSD1

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11H0903-01[STKP A2 1], 11H0903-02[STKP A2 2], 11H0903-03[STKP A2 3]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1	L-14	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	R-05	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 7:58	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1	L-04	SW-846 8260C	8/24/11	8/24/11 7:58	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 7:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.4	70-130		8/24/11 7:58
Toluene-d8	97.1	70-130		8/24/11 7:58
4-Bromofluorobenzene	95.5	70-130		8/24/11 7:58

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Acetophenone	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Aniline	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Anthracene	0.83	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Benzo(a)anthracene	1.9	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Benzo(a)pyrene	1.9	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Benzo(b)fluoranthene	2.2	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Benzo(g,h,i)perylene	0.92	0.39	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Benzo(k)fluoranthene	0.86	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Bis(2-chloroethoxy)methane	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Bis(2-chloroethyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Bis(2-chloroisopropyl)ether	ND	0.78	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
4-Bromophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2-Chloronaphthalene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2-Chlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Chrysene	2.0	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Dibenzofuran	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Di-n-butylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
1,2-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
1,3-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
1,4-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4-Dichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Diethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4-Dimethylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,6-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Fluoranthene	4.1	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Fluorene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Hexachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Hexachlorobutadiene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Hexachloroethane	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.39	mg/Kg dry	1	V-06	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Isophorone	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

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	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
3/4-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Nitrobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Pentachlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Phenanthrene	3.4	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Phenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
Pyrene	3.4	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
1,2,4-Trichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4,5-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL
2,4,6-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 14:52	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	67.2	30-130		8/24/11 14:52
Phenol-d6	69.3	30-130		8/24/11 14:52
Nitrobenzene-d5	51.5	30-130		8/24/11 14:52
2-Fluorobiphenyl	65.5	30-130		8/24/11 14:52
2,4,6-Tribromophenol	71.1	30-130		8/24/11 14:52
Terphenyl-d14	63.2	30-130		8/24/11 14:52

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
gamma-BHC (Lindane) [1]	ND	0.045	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Chlordane [1]	ND	0.45	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
4,4'-DDD [1]	ND	0.090	mg/Kg dry	20	V-20	SW-846 8081B	8/24/11	8/26/11 22:10	JMB
4,4'-DDE [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
4,4'-DDT [1]	ND	0.090	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Dieldrin [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:10	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:10	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/26/11 22:10
Decachlorobiphenyl [2]	*	30-150	S-01	8/26/11 22:10
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/26/11 22:10
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/26/11 22:10

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

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	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1254 [1]	3.1	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	8/24/11	8/25/11 18:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	73.7	30-150		8/25/11 18:56
Decachlorobiphenyl [2]	76.8	30-150		8/25/11 18:56
Tetrachloro-m-xylene [1]	66.6	30-150		8/25/11 18:56
Tetrachloro-m-xylene [2]	68.8	30-150		8/25/11 18:56

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

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	800	190	mg/Kg dry	10		SW-846 8100 Modified	8/23/11	8/25/11 11:54	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	65.3	40-140				8/25/11 11:54	

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Barium	1500	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Cadmium	2.6	0.28	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Chromium	150	0.57	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Lead	640	0.85	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Mercury	0.79	0.056	mg/Kg dry	2		SW-846 7471B	8/24/11	8/24/11 17:04	CWB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:52	OP

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H0903-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/24/11	8/24/11 19:50	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/24/11	8/24/11 18:05	VAK
pH @22.5°C	7.1		pH Units	1	H-03	SW-846 9045C	8/24/11	8/24/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/24/11	8/25/11 12:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/24/11	8/25/11 12:45	LL
Specific conductance	14	2.0	µmhos/cm	1		SM18-20 2510B	8/25/11	8/25/11 13:04	SBP
% Solids	87.3		% Wt	1		SM 2540G	8/23/11	8/24/11 8:31	PJS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1	L-14	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Chloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1	R-05	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Diethyl Ether	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:24	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Methylene Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Naphthalene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2,3-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2,4-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1	L-04	SW-846 8260C	8/24/11	8/24/11 8:24	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	114	70-130		8/24/11 8:24
Toluene-d8	101	70-130		8/24/11 8:24
4-Bromofluorobenzene	103	70-130		8/24/11 8:24

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.1	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Acetophenone	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Aniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Anthracene	4.9	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Benzo(a)anthracene	7.6	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Benzo(a)pyrene	6.9	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Benzo(b)fluoranthene	8.3	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Benzo(g,h,i)perylene	2.8	0.38	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Benzo(k)fluoranthene	3.0	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Bis(2-chloroethoxy)methane	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Bis(2-chloroethyl)ether	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.76	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
4-Bromophenylphenylether	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2-Chloronaphthalene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2-Chlorophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Chrysene	7.6	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Dibenz(a,h)anthracene	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Dibenzofuran	1.3	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Di-n-butylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
1,2-Dichlorobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
1,3-Dichlorobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
1,4-Dichlorobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4-Dichlorophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Diethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4-Dimethylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4-Dinitrotoluene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,6-Dinitrotoluene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Fluoranthene	19	1.9	mg/Kg dry	5		SW-846 8270D	8/23/11	8/24/11 16:53	BGL
Fluorene	2.2	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Hexachlorobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Hexachlorobutadiene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Hexachloroethane	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Indeno(1,2,3-cd)pyrene	3.5	0.38	mg/Kg dry	1	V-06	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Isophorone	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	0.65	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2-Methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
3/4-Methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Naphthalene	1.4	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Nitrobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Pentachlorophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Phenanthrene	21	1.9	mg/Kg dry	5		SW-846 8270D	8/23/11	8/24/11 16:53	BGL
Phenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
Pyrene	16	1.9	mg/Kg dry	5		SW-846 8270D	8/23/11	8/24/11 16:53	BGL
1,2,4-Trichlorobenzene	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4,5-Trichlorophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL
2,4,6-Trichlorophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	59.3	30-130		8/24/11 15:21
Phenol-d6	70.2	30-130		8/24/11 15:21
Nitrobenzene-d5	46.3	30-130		8/24/11 15:21
2-Fluorobiphenyl	60.9	30-130		8/24/11 15:21
2,4,6-Tribromophenol	70.3	30-130		8/24/11 15:21
Terphenyl-d14	59.1	30-130		8/24/11 15:21

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
gamma-BHC (Lindane) [1]	ND	0.044	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Chlordane [1]	ND	0.44	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20	V-20	SW-846 8081B	8/24/11	8/26/11 22:28	JMB
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:28	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/26/11 22:28
Decachlorobiphenyl [2]	*	30-150	S-01	8/26/11 22:28
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/26/11 22:28
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/26/11 22:28

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

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 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1254 [1]	0.99	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1260 [1]	0.80	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 15:54	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	72.4	30-150		8/25/11 15:54
Decachlorobiphenyl [2]	75.4	30-150		8/25/11 15:54
Tetrachloro-m-xylene [1]	59.4	30-150		8/25/11 15:54
Tetrachloro-m-xylene [2]	59.5	30-150		8/25/11 15:54

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

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	700	190	mg/Kg dry	10		SW-846 8100 Modified	8/23/11	8/25/11 12:13	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	66.9	40-140					8/25/11 12:13

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Barium	1200	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Cadmium	3.2	0.28	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Chromium	140	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Lead	930	0.83	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Mercury	0.61	0.055	mg/Kg dry	2		SW-846 7471B	8/24/11	8/24/11 17:06	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP
Silver	1.0	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 9:57	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H0903-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/24/11	8/24/11 19:50	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/24/11	8/24/11 18:05	VAK
pH @21.9°C	6.8		pH Units	1	H-03	SW-846 9045C	8/24/11	8/24/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/24/11	8/25/11 12:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/24/11	8/25/11 12:45	LL
Specific conductance	12	2.0	µmhos/cm	1		SM18-20 2510B	8/25/11	8/25/11 13:04	SBP
% Solids	89.1		% Wt	1		SM 2540G	8/23/11	8/24/11 8:31	PJS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.062	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Bromomethane	ND	0.0062	mg/Kg dry	1	L-14	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
2-Butanone (MEK)	ND	0.025	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Chlorodibromomethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Chloroethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Chloroform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Chloromethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1	R-05	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2-Dibromoethane (EDB)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,3-Dichloropropane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
cis-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
trans-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Diethyl Ether	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Diisopropyl Ether (DIPE)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,4-Dioxane	ND	0.062	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:50	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Methylene Chloride	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Naphthalene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Tetrahydrofuran	ND	0.0062	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2,3-Trichlorobenzene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2,4-Trichlorobenzene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
Vinyl Chloride	ND	0.0062	mg/Kg dry	1	L-04	SW-846 8260C	8/24/11	8/24/11 8:50	MFF
m+p Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 8:50	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	119	70-130		8/24/11 8:50
Toluene-d8	103	70-130		8/24/11 8:50
4-Bromofluorobenzene	98.4	70-130		8/24/11 8:50

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Aniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Anthracene	0.64	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Benzo(a)anthracene	1.5	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Benzo(a)pyrene	1.4	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Benzo(b)fluoranthene	1.7	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Benzo(g,h,i)perylene	0.61	0.38	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Benzo(k)fluoranthene	0.69	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Chrysene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Dibenz(a,h)anthracene	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Fluoranthene	3.3	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Fluorene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Indeno(1,2,3-cd)pyrene	0.70	0.38	mg/Kg dry	1	V-06	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

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	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Naphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Phenanthrene	2.7	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
Pyrene	3.0	0.38	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 15:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	69.2	30-130		8/24/11 15:50
Phenol-d6	73.6	30-130		8/24/11 15:50
Nitrobenzene-d5	57.1	30-130		8/24/11 15:50
2-Fluorobiphenyl	65.9	30-130		8/24/11 15:50
2,4,6-Tribromophenol	89.2	30-130		8/24/11 15:50
Terphenyl-d14	74.0	30-130		8/24/11 15:50

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
gamma-BHC (Lindane) [1]	ND	0.044	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Chlordane [1]	ND	0.44	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20	V-20	SW-846 8081B	8/24/11	8/26/11 22:46	JMB
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 22:46	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 22:46	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/26/11 22:46
Decachlorobiphenyl [2]	*	30-150	S-01	8/26/11 22:46
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/26/11 22:46
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/26/11 22:46

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

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 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1254 [1]	0.68	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1260 [1]	0.79	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG
Aroclor-1268 [1]	0.49	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.0	30-150		8/25/11 16:08
Decachlorobiphenyl [2]	83.6	30-150		8/25/11 16:08
Tetrachloro-m-xylene [1]	75.3	30-150		8/25/11 16:08
Tetrachloro-m-xylene [2]	74.4	30-150		8/25/11 16:08

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

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	640	180	mg/Kg dry	10		SW-846 8100 Modified	8/23/11	8/25/11 12:31	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	55.6	40-140					8/25/11 12:31

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Barium	1200	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Cadmium	2.4	0.28	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Chromium	140	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Lead	690	0.84	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Mercury	1.3	0.14	mg/Kg dry	5		SW-846 7471B	8/24/11	8/24/11 17:07	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP
Silver	0.64	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:02	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H0903-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/24/11	8/24/11 19:50	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/24/11	8/24/11 18:05	VAK
pH @22.4°C	7.0		pH Units	1	H-03	SW-846 9045C	8/24/11	8/24/11 8:30	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/24/11	8/25/11 12:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/24/11	8/25/11 12:45	LL
Specific conductance	18	2.0	µmhos/cm	1		SM18-20 2510B	8/25/11	8/25/11 13:04	SBP
% Solids	90.1		% Wt	1		SM 2540G	8/23/11	8/24/11 8:31	PJS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Benzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Bromobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Bromochloromethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Bromodichloromethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Bromoform	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Bromomethane	ND	0.0047	mg/Kg dry	1	L-14	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
2-Butanone (MEK)	ND	0.019	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
sec-Butylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
tert-Butylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Carbon Disulfide	ND	0.0028	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Carbon Tetrachloride	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Chlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Chlorodibromomethane	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Chloroethane	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Chloroform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Chloromethane	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
2-Chlorotoluene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
4-Chlorotoluene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1	R-05	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2-Dibromoethane (EDB)	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Dibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,3-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,4-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1-Dichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2-Dichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
cis-1,2-Dichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
trans-1,2-Dichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,3-Dichloropropane	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
2,2-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
cis-1,3-Dichloropropene	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
trans-1,3-Dichloropropene	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Diethyl Ether	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Diisopropyl Ether (DIPE)	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,4-Dioxane	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 9:16	MFF

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
2-Hexanone (MBK)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Isopropylbenzene (Cumene)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Methylene Chloride	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
n-Propylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Styrene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.00047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Tetrachloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Tetrahydrofuran	ND	0.0047	mg/Kg dry	1	V-16	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Toluene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2,3-Trichlorobenzene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2,4-Trichlorobenzene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1,1-Trichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,1,2-Trichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Trichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2,3-Trichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,2,4-Trimethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
1,3,5-Trimethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
Vinyl Chloride	ND	0.0047	mg/Kg dry	1	L-04	SW-846 8260C	8/24/11	8/24/11 9:16	MFF
m+p Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF
o-Xylene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	8/24/11	8/24/11 9:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	117	70-130		8/24/11 9:16
Toluene-d8	97.5	70-130		8/24/11 9:16
4-Bromofluorobenzene	93.3	70-130		8/24/11 9:16

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Acetophenone	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Aniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Anthracene	0.76	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Benzo(a)anthracene	1.8	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Benzo(a)pyrene	1.7	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Benzo(b)fluoranthene	2.3	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Benzo(g,h,i)perylene	0.70	0.39	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Benzo(k)fluoranthene	0.89	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Bis(2-chloroethoxy)methane	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Bis(2-chloroethyl)ether	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Bis(2-chloroisopropyl)ether	ND	0.77	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
4-Bromophenylphenylether	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2-Chloronaphthalene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2-Chlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Chrysene	1.9	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Dibenzofuran	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Di-n-butylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
1,2-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
1,3-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
1,4-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4-Dichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Diethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4-Dimethylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4-Dinitrotoluene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,6-Dinitrotoluene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Fluoranthene	3.7	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Fluorene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Hexachlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Hexachlorobutadiene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Hexachloroethane	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Indeno(1,2,3-cd)pyrene	0.78	0.39	mg/Kg dry	1	V-06	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Isophorone	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

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	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2-Methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
3/4-Methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Nitrobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	V-05	SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Pentachlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Phenanthrene	3.0	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Phenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
Pyrene	2.4	0.39	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
1,2,4-Trichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4,5-Trichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL
2,4,6-Trichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	8/23/11	8/24/11 16:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	78.7	30-130		8/24/11 16:19
Phenol-d6	84.4	30-130		8/24/11 16:19
Nitrobenzene-d5	60.7	30-130		8/24/11 16:19
2-Fluorobiphenyl	82.1	30-130		8/24/11 16:19
2,4,6-Tribromophenol	76.8	30-130		8/24/11 16:19
Terphenyl-d14	56.4	30-130		8/24/11 16:19

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
gamma-BHC (Lindane) [1]	ND	0.044	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Chlordane [1]	ND	0.44	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
4,4'-DDD [1]	ND	0.088	mg/Kg dry	20	V-20	SW-846 8081B	8/24/11	8/26/11 23:04	JMB
4,4'-DDE [1]	ND	0.088	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
4,4'-DDT [1]	ND	0.088	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Dieldrin [1]	ND	0.088	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/24/11	8/26/11 23:04	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20	V-05	SW-846 8081B	8/24/11	8/26/11 23:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/26/11 23:04
Decachlorobiphenyl [2]	*	30-150	S-01	8/26/11 23:04
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/26/11 23:04
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/26/11 23:04

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

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 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1254 [1]	0.70	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1260 [1]	0.61	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/24/11	8/25/11 16:22	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	68.9	30-150		8/25/11 16:22
Decachlorobiphenyl [2]	72.4	30-150		8/25/11 16:22
Tetrachloro-m-xylene [1]	73.2	30-150		8/25/11 16:22
Tetrachloro-m-xylene [2]	72.1	30-150		8/25/11 16:22

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

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	940	190	mg/Kg dry	10		SW-846 8100 Modified	8/23/11	8/25/11 11:35	AP

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	68.3	40-140		8/25/11 11:35

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Barium	1800	2.8	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Cadmium	4.8	0.28	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Chromium	220	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Lead	840	0.84	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Mercury	0.66	0.057	mg/Kg dry	2		SW-846 7471B	8/24/11	8/24/11 17:09	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP
Silver	0.70	0.56	mg/Kg dry	1		SW-846 6010C	8/24/11	8/25/11 10:07	OP

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0903

Date Received: 8/23/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H0903-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/24/11	8/24/11 19:50	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/24/11	8/24/11 18:05	VAK
pH @21.9°C	7.0		pH Units	1		SW-846 9045C	8/24/11	8/24/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/24/11	8/25/11 12:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/24/11	8/25/11 12:45	LL
Specific conductance	15	2.0	µmhos/cm	1		SM18-20 2510B	8/25/11	8/25/11 13:04	SBP
% Solids	87.9		% Wt	1		SM 2540G	8/23/11	8/24/11 8:31	PJS

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0903-01 [STKP A2 1]	B036049	08/23/11
11H0903-02 [STKP A2 2]	B036049	08/23/11
11H0903-03 [STKP A2 3]	B036049	08/23/11
11H0903-04 [STKP A2 4]	B036049	08/23/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0903-01 [STKP A2 1]	B036191	1.00	08/25/11
11H0903-02 [STKP A2 2]	B036191	1.00	08/25/11
11H0903-03 [STKP A2 3]	B036191	1.00	08/25/11
11H0903-04 [STKP A2 4]	B036191	1.00	08/25/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036142	50.0	50.0	08/24/11
11H0903-02 [STKP A2 2]	B036142	50.0	50.0	08/24/11
11H0903-03 [STKP A2 3]	B036142	50.0	50.0	08/24/11
11H0903-04 [STKP A2 4]	B036142	50.0	50.0	08/24/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036143	50.0	50.0	08/24/11
11H0903-02 [STKP A2 2]	B036143	50.0	50.0	08/24/11
11H0903-03 [STKP A2 3]	B036143	50.0	50.0	08/24/11
11H0903-04 [STKP A2 4]	B036143	50.0	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036081	1.01	50.0	08/24/11
11H0903-02 [STKP A2 2]	B036081	1.01	50.0	08/24/11
11H0903-03 [STKP A2 3]	B036081	0.990	50.0	08/24/11
11H0903-04 [STKP A2 4]	B036081	1.01	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036064	0.610	50.0	08/24/11
11H0903-02 [STKP A2 2]	B036064	0.611	50.0	08/24/11
11H0903-03 [STKP A2 3]	B036064	0.616	50.0	08/24/11
11H0903-04 [STKP A2 4]	B036064	0.603	50.0	08/24/11

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036058	10.2	10.0	08/24/11
11H0903-02 [STKP A2 2]	B036058	10.3	10.0	08/24/11
11H0903-03 [STKP A2 3]	B036058	10.2	10.0	08/24/11
11H0903-04 [STKP A2 4]	B036058	10.3	10.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036057	10.2	50.0	08/24/11
11H0903-02 [STKP A2 2]	B036057	10.3	50.0	08/24/11
11H0903-03 [STKP A2 3]	B036057	10.2	50.0	08/24/11
11H0903-04 [STKP A2 4]	B036057	10.3	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B035994	30.1	2.00	08/23/11
11H0903-02 [STKP A2 2]	B035994	30.2	2.00	08/23/11
11H0903-03 [STKP A2 3]	B035994	30.0	2.00	08/23/11
11H0903-04 [STKP A2 4]	B035994	30.0	2.00	08/23/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036104	9.41	10.0	08/24/11
11H0903-02 [STKP A2 2]	B036104	8.53	10.0	08/24/11
11H0903-03 [STKP A2 3]	B036104	8.96	10.0	08/24/11
11H0903-04 [STKP A2 4]	B036104	12.0	10.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B035996	30.1	2.00	08/23/11
11H0903-02 [STKP A2 2]	B035996	30.1	2.00	08/23/11
11H0903-03 [STKP A2 3]	B035996	30.0	2.00	08/23/11
11H0903-04 [STKP A2 4]	B035996	30.0	2.00	08/23/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036140	25.5	250	08/24/11
11H0903-02 [STKP A2 2]	B036140	25.4	250	08/24/11
11H0903-03 [STKP A2 3]	B036140	25.2	250	08/24/11
11H0903-04 [STKP A2 4]	B036140	25.6	250	08/24/11

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Sample Extraction Data

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0903-01 [STKP A2 1]	B036141	25.5	250	08/24/11
11H0903-02 [STKP A2 2]	B036141	25.4	250	08/24/11
11H0903-03 [STKP A2 3]	B036141	25.2	250	08/24/11
11H0903-04 [STKP A2 4]	B036141	25.6	250	08/24/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0903-01 [STKP A2 1]	B036114	20.0	08/24/11
11H0903-02 [STKP A2 2]	B036114	20.0	08/24/11
11H0903-03 [STKP A2 3]	B036114	20.0	08/24/11
11H0903-04 [STKP A2 4]	B036114	20.0	08/24/11

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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 B036104 - SW-846 5035										
Blank (B036104-BLK1)				Prepared & Analyzed: 08/24/11						
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							L-14
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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	mg/Kg wet							R-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							V-05

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 B036104 - SW-846 5035											
Blank (B036104-BLK1)				Prepared & Analyzed: 08/24/11							
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							L-04	
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0551*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0514*		mg/Kg wet	0.0500		103	70-130				
LCS (B036104-BS1)				Prepared & Analyzed: 08/24/11							
Acetone	0.230	0.10	mg/Kg wet	0.200		115	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0178	0.0010	mg/Kg wet	0.0200		89.1	70-130				
Benzene	0.0187	0.0020	mg/Kg wet	0.0200		93.7	70-130				
Bromobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromodichloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromoform	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromomethane	0.0130	0.010	mg/Kg wet	0.0200		65.1	40-160			L-14	†
2-Butanone (MEK)	0.164	0.040	mg/Kg wet	0.200		82.2	40-160			V-16	†
n-Butylbenzene	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130				
sec-Butylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		119	70-130				
tert-Butylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0162	0.0010	mg/Kg wet	0.0200		80.9	70-130				
Carbon Disulfide	0.0175	0.0060	mg/Kg wet	0.0200		87.3	70-130				
Carbon Tetrachloride	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130				
Chlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Chlorodibromomethane	0.0193	0.0010	mg/Kg wet	0.0200		96.6	70-130				
Chloroethane	0.0165	0.010	mg/Kg wet	0.0200		82.6	70-130				
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		106	70-130				
Chloromethane	0.00916	0.010	mg/Kg wet	0.0200		45.8	40-160			L-14	†
2-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
4-Chlorotoluene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0156	0.0040	mg/Kg wet	0.0200		77.8	70-130			R-05	
1,2-Dibromoethane (EDB)	0.0186	0.0010	mg/Kg wet	0.0200		92.9	70-130				
Dibromomethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dichlorobenzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
1,3-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				

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 B036104 - SW-846 5035												
LCS (B036104-BS1)				Prepared & Analyzed: 08/24/11								
Dichlorodifluoromethane (Freon 12)	0.00834	0.010	mg/Kg wet	0.0200		41.7		40-160			L-14	†
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130			V-20	
1,1-Dichloroethylene	0.0197	0.0040	mg/Kg wet	0.0200		98.4		70-130				
cis-1,2-Dichloroethylene	0.0183	0.0020	mg/Kg wet	0.0200		91.4		70-130				
trans-1,2-Dichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
1,2-Dichloropropane	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130				
1,3-Dichloropropane	0.0182	0.0010	mg/Kg wet	0.0200		91.2		70-130				
2,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,1-Dichloropropene	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130				
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.5		70-130				
trans-1,3-Dichloropropene	0.0228	0.0010	mg/Kg wet	0.0200		114		70-130				
Diethyl Ether	0.0198	0.010	mg/Kg wet	0.0200		99.1		70-130				
Diisopropyl Ether (DIPE)	0.0173	0.0010	mg/Kg wet	0.0200		86.4		70-130				
1,4-Dioxane	0.152	0.10	mg/Kg wet	0.200		76.0		40-160			V-16	†
Ethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
Hexachlorobutadiene	0.0218	0.0040	mg/Kg wet	0.0200		109		70-130				
2-Hexanone (MBK)	0.162	0.020	mg/Kg wet	0.200		81.1		40-160				†
Isopropylbenzene (Cumene)	0.0262	0.0020	mg/Kg wet	0.0200		**131**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0249	0.0020	mg/Kg wet	0.0200		125		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.0200		92.9		70-130				
Methylene Chloride	0.0187	0.010	mg/Kg wet	0.0200		93.5		70-130				
4-Methyl-2-pentanone (MIBK)	0.161	0.020	mg/Kg wet	0.200		80.6		40-160				†
Naphthalene	0.0130	0.010	mg/Kg wet	0.0200		**65.2**	*	70-130			L-07, V-05	
n-Propylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
Styrene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,1,2-Tetrachloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2,2-Tetrachloroethane	0.0192	0.0010	mg/Kg wet	0.0200		96.1		70-130				
Tetrachloroethylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
Tetrahydrofuran	0.0154	0.010	mg/Kg wet	0.0200		77.1		70-130			V-16	
Toluene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
1,2,3-Trichlorobenzene	0.0148	0.010	mg/Kg wet	0.0200		73.9		70-130			V-05	
1,2,4-Trichlorobenzene	0.0146	0.010	mg/Kg wet	0.0200		73.2		70-130			V-05	
1,1,1-Trichloroethane	0.0237	0.0020	mg/Kg wet	0.0200		119		70-130				
1,1,2-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3		70-130				
Trichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Trichlorofluoromethane (Freon 11)	0.0186	0.010	mg/Kg wet	0.0200		93.2		70-130				
1,2,3-Trichloropropane	0.0171	0.0020	mg/Kg wet	0.0200		85.6		70-130				
1,2,4-Trimethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,3,5-Trimethylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
Vinyl Chloride	0.0128	0.010	mg/Kg wet	0.0200		**63.8**	*	70-130			L-04	
m+p Xylene	0.0429	0.0040	mg/Kg wet	0.0400		107		70-130				
o-Xylene	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0511*		mg/Kg wet	0.0500		102		70-130				
Surrogate: Toluene-d8	*0.0501*		mg/Kg wet	0.0500		100		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0549*		mg/Kg wet	0.0500		110		70-130				

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 B036104 - SW-846 5035											
LCS Dup (B036104-BSD1)				Prepared & Analyzed: 08/24/11							
Acetone	0.238	0.10	mg/Kg wet	0.200		119	40-160	3.61	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0189	0.0010	mg/Kg wet	0.0200		94.6	70-130	5.99	20		
Benzene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130	0.428	20		
Bromobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	6.24	20		
Bromochloromethane	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	3.48	20		
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	5.45	20		
Bromoform	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	6.58	20		
Bromomethane	0.0122	0.010	mg/Kg wet	0.0200		61.2	40-160	6.18	20	L-14	†
2-Butanone (MEK)	0.185	0.040	mg/Kg wet	0.200		92.4	40-160	11.6	20	V-16	†
n-Butylbenzene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130	1.57	20		
sec-Butylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	3.43	20		
tert-Butylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	5.22	20		
tert-Butyl Ethyl Ether (TBEE)	0.0169	0.0010	mg/Kg wet	0.0200		84.7	70-130	4.59	20		
Carbon Disulfide	0.0162	0.0060	mg/Kg wet	0.0200		81.1	70-130	7.36	20		
Carbon Tetrachloride	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	7.82	20		
Chlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	5.39	20		
Chlorodibromomethane	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130	12.8	20		
Chloroethane	0.0154	0.010	mg/Kg wet	0.0200		77.2	70-130	6.76	20		
Chloroform	0.0209	0.0040	mg/Kg wet	0.0200		105	70-130	0.857	20		
Chloromethane	0.00942	0.010	mg/Kg wet	0.0200		47.1	40-160	2.80	20	L-14	†
2-Chlorotoluene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	10.4	20		
4-Chlorotoluene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	6.43	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0198	0.0040	mg/Kg wet	0.0200		99.0	70-130	**24.0**	* 20	R-05	
1,2-Dibromoethane (EDB)	0.0201	0.0010	mg/Kg wet	0.0200		101	70-130	8.06	20		
Dibromomethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	3.38	20		
1,2-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130	6.11	20		
1,3-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	2.48	20		
1,4-Dichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	2.56	20		
Dichlorodifluoromethane (Freon 12)	0.00822	0.010	mg/Kg wet	0.0200		41.1	40-160	1.45	20	L-14	†
1,1-Dichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	8.25	20		
1,2-Dichloroethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	4.67	20	V-20	
1,1-Dichloroethylene	0.0197	0.0040	mg/Kg wet	0.0200		98.3	70-130	0.102	20		
cis-1,2-Dichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	7.78	20		
trans-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.66	20		
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	5.50	20		
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.2	70-130	8.40	20		
2,2-Dichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	2.13	20		
1,1-Dichloropropene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.18	20		
cis-1,3-Dichloropropene	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130	10.2	20		
trans-1,3-Dichloropropene	0.0243	0.0010	mg/Kg wet	0.0200		122	70-130	6.46	20		
Diethyl Ether	0.0208	0.010	mg/Kg wet	0.0200		104	70-130	4.73	20		
Diisopropyl Ether (DIPE)	0.0175	0.0010	mg/Kg wet	0.0200		87.4	70-130	1.15	20		
1,4-Dioxane	0.166	0.10	mg/Kg wet	0.200		82.8	40-160	8.64	20	V-16	†
Ethylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	3.76	20		
Hexachlorobutadiene	0.0223	0.0040	mg/Kg wet	0.0200		111	70-130	1.90	20		
2-Hexanone (MBK)	0.178	0.020	mg/Kg wet	0.200		89.2	40-160	9.56	20		†
Isopropylbenzene (Cumene)	0.0276	0.0020	mg/Kg wet	0.0200		**138**	* 70-130	5.21	20	L-02	
p-Isopropyltoluene (p-Cymene)	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	5.61	20		
Methyl tert-Butyl Ether (MTBE)	0.0197	0.0040	mg/Kg wet	0.0200		98.5	70-130	5.85	20		
Methylene Chloride	0.0192	0.010	mg/Kg wet	0.0200		96.1	70-130	2.74	20		
4-Methyl-2-pentanone (MIBK)	0.183	0.020	mg/Kg wet	0.200		91.4	40-160	12.6	20		†
Naphthalene	0.0144	0.010	mg/Kg wet	0.0200		72.0	70-130	9.91	20	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 B036104 - SW-846 5035											
LCS Dup (B036104-BSD1)				Prepared & Analyzed: 08/24/11							
n-Propylbenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	2.73	20	
Styrene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130	9.13	20	
1,1,1,2-Tetrachloroethane	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130	5.61	20	
1,1,2,2-Tetrachloroethane	0.0210	0.0010	mg/Kg wet	0.0200		105		70-130	8.95	20	
Tetrachloroethylene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	2.06	20	
Tetrahydrofuran	0.0164	0.010	mg/Kg wet	0.0200		81.9		70-130	6.04	20	V-16
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130	6.40	20	
1,2,3-Trichlorobenzene	0.0156	0.010	mg/Kg wet	0.0200		78.2		70-130	5.65	20	V-05
1,2,4-Trichlorobenzene	0.0159	0.010	mg/Kg wet	0.0200		79.3		70-130	8.00	20	V-05
1,1,1-Trichloroethane	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130	0.761	20	
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.4		70-130	4.21	20	
Trichloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	4.55	20	
Trichlorofluoromethane (Freon 11)	0.0182	0.010	mg/Kg wet	0.0200		91.0		70-130	2.39	20	
1,2,3-Trichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130	6.66	20	
1,2,4-Trimethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130	2.62	20	
1,3,5-Trimethylbenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	5.17	20	
Vinyl Chloride	0.0111	0.010	mg/Kg wet	0.0200		**55.6**	*	70-130	13.7	20	L-04
m+p Xylene	0.0429	0.0040	mg/Kg wet	0.0400		107		70-130	0.0933	20	
o-Xylene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130	3.44	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0517*		mg/Kg wet	0.0500		103		70-130			
Surrogate: Toluene-d8	*0.0515*		mg/Kg wet	0.0500		103		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0551*		mg/Kg wet	0.0500		110		70-130			

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 B035996 - SW-846 3546										
Blank (B035996-BLK1)				Prepared: 08/23/11 Analyzed: 08/24/11						
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							V-05
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-05
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							V-05
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							V-06
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							V-05
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 B035996 - SW-846 3546												
Blank (B035996-BLK1)				Prepared: 08/23/11 Analyzed: 08/24/11								
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	*6.80*		mg/Kg wet	6.67		102		30-130				
Surrogate: Phenol-d6	*7.15*		mg/Kg wet	6.67		107		30-130				
Surrogate: Nitrobenzene-d5	*2.44*		mg/Kg wet	3.33		73.1		30-130				
Surrogate: 2-Fluorobiphenyl	*3.40*		mg/Kg wet	3.33		102		30-130				
Surrogate: 2,4,6-Tribromophenol	*7.05*		mg/Kg wet	6.67		106		30-130				
Surrogate: Terphenyl-d14	*3.67*		mg/Kg wet	3.33		110		30-130				
LCS (B035996-BS1)				Prepared: 08/23/11 Analyzed: 08/24/11								
Acenaphthene	1.38	0.17	mg/Kg wet	1.67		82.7		40-140				
Acenaphthylene	1.33	0.17	mg/Kg wet	1.67		79.6		40-140				
Acetophenone	1.53	0.34	mg/Kg wet	1.67		91.6		40-140				
Aniline	0.605	0.34	mg/Kg wet	1.67		**36.3**	*	40-140			L-07	
Anthracene	1.38	0.17	mg/Kg wet	1.67		82.9		40-140				
Benzo(a)anthracene	1.32	0.17	mg/Kg wet	1.67		79.4		40-140				
Benzo(a)pyrene	1.39	0.17	mg/Kg wet	1.67		83.4		40-140				
Benzo(b)fluoranthene	1.40	0.17	mg/Kg wet	1.67		84.0		40-140				
Benzo(g,h,i)perylene	1.35	0.17	mg/Kg wet	1.67		80.9		40-140			V-05	
Benzo(k)fluoranthene	1.39	0.17	mg/Kg wet	1.67		83.4		40-140				
Bis(2-chloroethoxy)methane	1.38	0.34	mg/Kg wet	1.67		83.1		40-140				
Bis(2-chloroethyl)ether	1.37	0.34	mg/Kg wet	1.67		82.2		40-140				
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.9		40-140			V-05	
Bis(2-Ethylhexyl)phthalate	1.57	0.34	mg/Kg wet	1.67		94.2		40-140				
4-Bromophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.4		40-140				
Butylbenzylphthalate	1.62	0.66	mg/Kg wet	1.67		97.0		40-140				
4-Chloroaniline	0.633	0.66	mg/Kg wet	1.67		38.0		15-140			L-15	†
2-Chloronaphthalene	1.31	0.34	mg/Kg wet	1.67		78.5		40-140				
2-Chlorophenol	1.55	0.34	mg/Kg wet	1.67		92.9		30-130				
Chrysene	1.33	0.17	mg/Kg wet	1.67		79.8		40-140				
Dibenz(a,h)anthracene	1.36	0.17	mg/Kg wet	1.67		81.8		40-140			V-05	
Dibenzofuran	1.47	0.34	mg/Kg wet	1.67		88.1		40-140				
Di-n-butylphthalate	1.53	0.34	mg/Kg wet	1.67		91.7		40-140				
1,2-Dichlorobenzene	1.37	0.34	mg/Kg wet	1.67		82.0		40-140				
1,3-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.2		40-140				
1,4-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.6		40-140				
3,3-Dichlorobenzidine	0.989	0.17	mg/Kg wet	1.67		59.4		40-140				
2,4-Dichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.4		30-130				
Diethylphthalate	1.43	0.34	mg/Kg wet	1.67		85.8		40-140				
2,4-Dimethylphenol	1.41	0.34	mg/Kg wet	1.67		84.8		30-130				
Dimethylphthalate	1.49	0.66	mg/Kg wet	1.67		89.2		40-140				
2,4-Dinitrophenol	1.36	0.66	mg/Kg wet	1.67		81.5		15-140				†
2,4-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.4		40-140				
2,6-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		93.0		40-140				
Di-n-octylphthalate	1.66	0.66	mg/Kg wet	1.67		99.6		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.18	0.34	mg/Kg wet	1.67		70.8		40-140				
Fluoranthene	1.60	0.17	mg/Kg wet	1.67		95.9		40-140				
Fluorene	1.41	0.17	mg/Kg wet	1.67		84.8		40-140				
Hexachlorobenzene	1.48	0.34	mg/Kg wet	1.67		89.0		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 B035996 - SW-846 3546											
LCS (B035996-BS1)				Prepared: 08/23/11 Analyzed: 08/24/11							
Hexachlorobutadiene	1.34	0.34	mg/Kg wet	1.67		80.1	40-140				
Hexachloroethane	1.27	0.34	mg/Kg wet	1.67		76.0	40-140				
Indeno(1,2,3-cd)pyrene	1.46	0.17	mg/Kg wet	1.67		87.8	40-140			V-06	
Isophorone	1.30	0.34	mg/Kg wet	1.67		78.3	40-140				
2-Methylnaphthalene	1.39	0.17	mg/Kg wet	1.67		83.5	40-140				
2-Methylphenol	0.877	0.34	mg/Kg wet	1.67		52.6	30-130				
3/4-Methylphenol	0.947	0.34	mg/Kg wet	1.67		56.8	30-130				
Naphthalene	1.35	0.17	mg/Kg wet	1.67		81.0	40-140				
Nitrobenzene	1.17	0.34	mg/Kg wet	1.67		70.0	40-140				
2-Nitrophenol	1.48	0.34	mg/Kg wet	1.67		88.6	30-130				
4-Nitrophenol	1.35	0.66	mg/Kg wet	1.67		81.1	15-140			V-05	†
Pentachlorophenol	1.49	0.34	mg/Kg wet	1.67		89.1	30-130				
Phenanthrene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140				
Phenol	1.43	0.34	mg/Kg wet	1.67		85.6	15-140				†
Pyrene	1.48	0.17	mg/Kg wet	1.67		88.8	40-140				
1,2,4-Trichlorobenzene	1.46	0.34	mg/Kg wet	1.67		87.3	40-140				
2,4,5-Trichlorophenol	0.939	0.34	mg/Kg wet	1.67		56.4	30-130				
2,4,6-Trichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.9	30-130				
Surrogate: 2-Fluorophenol	*6.41*		mg/Kg wet	6.67		96.2	30-130				
Surrogate: Phenol-d6	*6.67*		mg/Kg wet	6.67		100	30-130				
Surrogate: Nitrobenzene-d5	*2.50*		mg/Kg wet	3.33		75.1	30-130				
Surrogate: 2-Fluorobiphenyl	*3.24*		mg/Kg wet	3.33		97.3	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.41*		mg/Kg wet	6.67		126	30-130				
Surrogate: Terphenyl-d14	*3.85*		mg/Kg wet	3.33		116	30-130				
LCS Dup (B035996-BSD1)				Prepared: 08/23/11 Analyzed: 08/24/11							
Acenaphthene	1.36	0.17	mg/Kg wet	1.67		81.3	40-140	1.66	30		
Acenaphthylene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140	1.39	30		
Acetophenone	1.56	0.34	mg/Kg wet	1.67		93.3	40-140	1.93	30		
Aniline	0.675	0.34	mg/Kg wet	1.67		40.5	40-140	10.8	30		
Anthracene	1.34	0.17	mg/Kg wet	1.67		80.6	40-140	2.86	30		
Benzo(a)anthracene	1.31	0.17	mg/Kg wet	1.67		78.7	40-140	0.860	30		
Benzo(a)pyrene	1.38	0.17	mg/Kg wet	1.67		82.9	40-140	0.553	30		
Benzo(b)fluoranthene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140	4.40	30		
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.3	40-140	15.2	30	V-05	
Benzo(k)fluoranthene	1.35	0.17	mg/Kg wet	1.67		80.9	40-140	2.99	30		
Bis(2-chloroethoxy)methane	1.38	0.34	mg/Kg wet	1.67		82.5	40-140	0.725	30		
Bis(2-chloroethyl)ether	1.38	0.34	mg/Kg wet	1.67		83.0	40-140	0.969	30		
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.8	40-140	0.0970	30	V-05	
Bis(2-Ethylhexyl)phthalate	1.56	0.34	mg/Kg wet	1.67		93.8	40-140	0.362	30		
4-Bromophenylphenylether	1.55	0.34	mg/Kg wet	1.67		93.0	40-140	6.21	30		
Butylbenzylphthalate	1.59	0.66	mg/Kg wet	1.67		95.3	40-140	1.75	30		
4-Chloroaniline	0.698	0.66	mg/Kg wet	1.67		41.9	15-140	9.72	30		†
2-Chloronaphthalene	1.31	0.34	mg/Kg wet	1.67		78.6	40-140	0.178	30		
2-Chlorophenol	1.50	0.34	mg/Kg wet	1.67		90.2	30-130	2.88	30		
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.5	40-140	1.59	30		
Dibenz(a,h)anthracene	1.61	0.17	mg/Kg wet	1.67		96.4	40-140	16.5	30	V-05	
Dibenzofuran	1.44	0.34	mg/Kg wet	1.67		86.6	40-140	1.81	30		
Di-n-butylphthalate	1.35	0.34	mg/Kg wet	1.67		80.7	40-140	12.7	30		
1,2-Dichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.1	40-140	2.39	30		
1,3-Dichlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.2	40-140	3.84	30		
1,4-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	1.33	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 B035996 - SW-846 3546											
LCS Dup (B035996-BSD1)				Prepared: 08/23/11 Analyzed: 08/24/11							
3,3-Dichlorobenzidine	1.12	0.17	mg/Kg wet	1.67		67.4	40-140	12.7	30		
2,4-Dichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.0	30-130	2.86	30		
Diethylphthalate	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	2.86	30		
2,4-Dimethylphenol	1.43	0.34	mg/Kg wet	1.67		85.8	30-130	1.17	30		
Dimethylphthalate	1.48	0.66	mg/Kg wet	1.67		88.6	40-140	0.675	30		
2,4-Dinitrophenol	1.21	0.66	mg/Kg wet	1.67		72.9	15-140	11.2	30		†
2,4-Dinitrotoluene	1.49	0.34	mg/Kg wet	1.67		89.3	40-140	2.26	30		
2,6-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.1	40-140	2.09	30		
Di-n-octylphthalate	1.50	0.66	mg/Kg wet	1.67		90.1	40-140	10.1	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.23	0.34	mg/Kg wet	1.67		73.8	40-140	4.26	30		
Fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140	27.0	30		
Fluorene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140	2.63	30		
Hexachlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.5	40-140	2.75	30		
Hexachlorobutadiene	1.31	0.34	mg/Kg wet	1.67		78.6	40-140	1.89	30		
Hexachloroethane	1.26	0.34	mg/Kg wet	1.67		75.4	40-140	0.793	30		
Indeno(1,2,3-cd)pyrene	1.65	0.17	mg/Kg wet	1.67		98.8	40-140	11.8	30	V-06	
Isophorone	1.34	0.34	mg/Kg wet	1.67		80.2	40-140	2.47	30		
2-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.9	40-140	1.59	30		
2-Methylphenol	0.906	0.34	mg/Kg wet	1.67		54.4	30-130	3.33	30		
3/4-Methylphenol	1.01	0.34	mg/Kg wet	1.67		60.3	30-130	5.98	30		
Naphthalene	1.35	0.17	mg/Kg wet	1.67		80.9	40-140	0.0988	30		
Nitrobenzene	1.15	0.34	mg/Kg wet	1.67		69.0	40-140	1.44	30		
2-Nitrophenol	1.43	0.34	mg/Kg wet	1.67		85.7	30-130	3.40	30		
4-Nitrophenol	1.07	0.66	mg/Kg wet	1.67		64.5	15-140	22.9	30	V-05	†
Pentachlorophenol	1.24	0.34	mg/Kg wet	1.67		74.6	30-130	17.7	30		
Phenanthrene	1.34	0.17	mg/Kg wet	1.67		80.6	40-140	0.248	30		
Phenol	1.39	0.34	mg/Kg wet	1.67		83.5	15-140	2.44	30		†
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.9	40-140	5.56	30		
1,2,4-Trichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.6	40-140	3.12	30		
2,4,5-Trichlorophenol	0.917	0.34	mg/Kg wet	1.67		55.0	30-130	2.41	30		
2,4,6-Trichlorophenol	1.52	0.34	mg/Kg wet	1.67		91.2	30-130	0.352	30		
Surrogate: 2-Fluorophenol	*6.24*		mg/Kg wet	6.67		93.5	30-130				
Surrogate: Phenol-d6	*6.69*		mg/Kg wet	6.67		100	30-130				
Surrogate: Nitrobenzene-d5	*2.43*		mg/Kg wet	3.33		73.0	30-130				
Surrogate: 2-Fluorobiphenyl	*3.17*		mg/Kg wet	3.33		95.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.81*		mg/Kg wet	6.67		117	30-130				
Surrogate: Terphenyl-d14	*3.86*		mg/Kg wet	3.33		116	30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036058 - SW-846 3546										
Blank (B036058-BLK1)				Prepared & Analyzed: 08/24/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		91.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036058 - SW-846 3546										
LCS (B036058-BS1)				Prepared & Analyzed: 08/24/11						
Aldrin	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
Aldrin [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
alpha-BHC	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
beta-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140			
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		117	40-140			
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		120	40-140			
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
4,4'-DDD [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140			
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		121	40-140			
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140			
4,4'-DDT	0.024	0.0040	mg/Kg wet	0.0200		119	40-140			
4,4'-DDT [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140			
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		122	40-140			
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		121	40-140			
Endosulfan II [2C]	0.024	0.0080	mg/Kg wet	0.0200		120	40-140			
Endosulfan Sulfate	0.024	0.0080	mg/Kg wet	0.0200		122	40-140			
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		121	40-140			
Endrin	0.024	0.0080	mg/Kg wet	0.0200		118	40-140			
Endrin [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		116	40-140			
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		114	40-140			
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		125	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		121	40-140			
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.7	30-150			
LCS Dup (B036058-BSD1)				Prepared & Analyzed: 08/24/11						
Aldrin	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	1.89	30	
Aldrin [2C]	0.026	0.0050	mg/Kg wet	0.0200		128	40-140	2.05	30	
alpha-BHC	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	2.05	30	
alpha-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	2.32	30	
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	2.07	30	
beta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	2.76	30	
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	0.624	30	
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	2.21	30	
gamma-BHC (Lindane)	0.024	0.0020	mg/Kg wet	0.0200		119	40-140	1.79	30	
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		122	40-140	2.14	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036058 - SW-846 3546										
LCS Dup (B036058-BSD1)				Prepared & Analyzed: 08/24/11						
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	2.41	30	
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	2.60	30	
4,4'-DDE	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	2.29	30	
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		126	40-140	2.39	30	
4,4'-DDT	0.024	0.0040	mg/Kg wet	0.0200		122	40-140	2.29	30	
4,4'-DDT [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	2.33	30	
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	2.24	30	
Dieldrin [2C]	0.025	0.0040	mg/Kg wet	0.0200		125	40-140	2.08	30	
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	2.03	30	
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	2.09	30	
Endosulfan II	0.025	0.0080	mg/Kg wet	0.0200		124	40-140	2.33	30	
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140	2.44	30	
Endosulfan Sulfate	0.025	0.0080	mg/Kg wet	0.0200		125	40-140	2.65	30	
Endosulfan Sulfate [2C]	0.025	0.0080	mg/Kg wet	0.0200		124	40-140	2.38	30	
Endrin	0.024	0.0080	mg/Kg wet	0.0200		120	40-140	1.73	30	
Endrin [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	1.83	30	
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	2.62	30	
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140	2.67	30	
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.66	30	
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		127	40-140	1.83	30	
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.93	30	
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.59	30	
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.79	30	
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	3.10	30	
Methoxychlor	0.026	0.050	mg/Kg wet	0.0200		129	40-140	2.45	30	
Methoxychlor [2C]	0.025	0.050	mg/Kg wet	0.0200		124	40-140	2.88	30	
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.203*		mg/Kg wet	0.200		102	30-150			

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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 B036057 - SW-846 3546										
Blank (B036057-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
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	*0.156*		mg/Kg wet	0.200		77.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.157*		mg/Kg wet	0.200		78.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS (B036057-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Surrogate: Decachlorobiphenyl	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.223*		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B036057-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		121	40-140	5.37	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		131	40-140	8.93	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		116	40-140	6.45	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	5.88	30	
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120	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 B035994 - SW-846 3546										
Blank (B035994-BLK1)				Prepared: 08/23/11 Analyzed: 08/24/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.12*		mg/Kg wet	3.33		93.7	40-140			
LCS (B035994-BS1)				Prepared: 08/23/11 Analyzed: 08/24/11						
TPH C9-C36 Hydrocarbons as Diesel	23.0	8.3	mg/Kg wet	33.3		69.1	40-140			
Surrogate: o-Terphenyl	*2.84*		mg/Kg wet	3.33		85.2	40-140			
LCS Dup (B035994-BSD1)				Prepared: 08/23/11 Analyzed: 08/24/11						
TPH C9-C36 Hydrocarbons as Diesel	26.8	8.3	mg/Kg wet	33.3		80.4	40-140	15.1	30	
Surrogate: o-Terphenyl	*3.09*		mg/Kg wet	3.33		92.8	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 B036064 - SW-846 7471										
Blank (B036064-BLK1)				Prepared & Analyzed: 08/24/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B036064-BS1)				Prepared & Analyzed: 08/24/11						
Mercury	1.31	0.096	mg/Kg wet	1.25		104	66-132			
LCS Dup (B036064-BSD1)				Prepared & Analyzed: 08/24/11						
Mercury	1.21	0.096	mg/Kg wet	1.25		97.0	66-132	7.40	30	
Batch B036081 - SW-846 3050B										
Blank (B036081-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
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 (B036081-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Arsenic	95.2	4.7	mg/Kg wet	92.6		103	83.2-117.4			
Barium	168	4.7	mg/Kg wet	169		99.2	83.1-116.9			
Cadmium	68.6	0.47	mg/Kg wet	61.8		111	80.7-119.1			
Chromium	73.0	0.95	mg/Kg wet	71.3		102	80.6-119.9			
Lead	90.1	1.4	mg/Kg wet	92.4		97.5	78.9-121.1			
Selenium	96.4	9.5	mg/Kg wet	89.5		108	79.2-120.3			
Silver	32.3	0.95	mg/Kg wet	34.4		93.8	66.3-133.7			
LCS (B036081-BS2)				Prepared: 08/24/11 Analyzed: 08/25/11						
Lead	0.807	0.74	mg/Kg wet	0.740		109	80-120			
LCS Dup (B036081-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Arsenic	97.7	4.8	mg/Kg wet	92.6		106	83.2-117.4	2.60	30	
Barium	172	4.8	mg/Kg wet	169		102	83.1-116.9	2.51	30	
Cadmium	68.7	0.48	mg/Kg wet	61.8		111	80.7-119.1	0.152	30	
Chromium	74.8	0.95	mg/Kg wet	71.3		105	80.6-119.9	2.44	30	
Lead	91.6	1.4	mg/Kg wet	92.4		99.2	78.9-121.1	1.64	30	
Selenium	94.0	9.5	mg/Kg wet	89.5		105	79.2-120.3	2.51	30	
Silver	34.2	0.95	mg/Kg wet	34.4		99.4	66.3-133.7	5.82	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 B036049 - % Solids										
Duplicate (B036049-DUP1)	**Source: 11H0903-01**			Prepared: 08/23/11 Analyzed: 08/24/11						
% Solids	89.1		% Wt		87.3			2.04	20	
Batch B036140 - SW-846 9014										
Blank (B036140-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Cyanide	ND	0.40	mg/Kg							
Blank (B036140-BLK2)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B036140-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
LCS (B036140-BS2)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Cyanide	9.9	0.40	mg/Kg	10.0		98.9	0-200			
Batch B036141 - SW-846 9030A										
Blank (B036141-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Sulfide	ND	2.0	mg/Kg							
Blank (B036141-BLK2)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B036141-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Sulfide	12	2.0	mg/Kg	15.2		78.9	0-200			
LCS (B036141-BS2)				Prepared: 08/24/11 Analyzed: 08/25/11						
Reactive Sulfide	13	2.0	mg/Kg	15.2		84.2	0-200			
Batch B036142 - SW-846 1010										
Blank (B036142-BLK1)				Prepared & Analyzed: 08/24/11						
Flashpoint	> 212 °F		°F							
LCS (B036142-BS1)				Prepared & Analyzed: 08/24/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B036142-BSD1)				Prepared & Analyzed: 08/24/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	

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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 B036191 - SM18-20 2510B										
Blank (B036191-BLK1)				Prepared & Analyzed: 08/25/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B036191-BS1)				Prepared & Analyzed: 08/25/11						
Specific conductance	140	2.0	µmhos/cm	147		94.9	78.2-106			

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BREAKDOWN REPORT

Lab Sample ID: **S000982-PEM1** **Analyzed:** **08/26/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.70
Endrin [1]	7.82

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.59
Endrin [2]	9.16

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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.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
H-03	Sample received after recommended holding time was exceeded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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.
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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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

CHAIN OF CUSTODY RECORD

11H0903

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD NBHS RAM
Sampled By: JEFF R x JASON F.
Proposal Provided? (For Billing purposes) ☐ yes ______ proposal date
State Form Required? ☐ yes ☐ no

Telephone: (978) 970 5600
Project # 115058
Client PO # 36222

DATA DELIVERY (check one):
☐FAX ☑EMAIL ☑WEBSITE CLIENT
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑EXCEL ☑PDF ☐ GIS KEY ☐ OTHER ______

ANALYSIS REQUESTED

# of containers									12	8	4								
**Preservation									M/DI	-	-								
~Cont.Code									✓	A	G								
Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH.	REACTIVE CYANIDE x SULFIDE	TPH BY 8100M. DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT x HOLD!
	STKP A2 1	-1	8/22	14:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 2	-2	8/22	14:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 3	-3	8/22	15:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 4	-4	8/23	9:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

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

Client Comments:

Laboratory Comments: RUSH < 4-DAY OR SOONER.
08-23-11 16:19 IN

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) Jason L. Fuiro	Date/Time: 8/23 11:13 AM
Received by: (signature) Paul Rancourt	Date/Time: 8/23/11 11:13
Relinquished by: (signature) Paul Rancourt	Date/Time: 8/23/11 16:05
Received by: (signature) Stacey [signature] 3.8	Date/Time: 8/23 16:05

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

Detection Limit Requirements
Regulations? MCP COMM 97
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: TURNKEY

***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

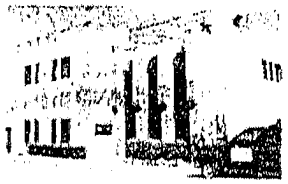
**** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.**

AIHA, NELAC & WBE/DBE Certified

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: SD DATE: 8/23/11

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

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 3.8

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No
Who was notified _____ Date _____ Time _____

7) 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	4
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4
Bisulfate _____ # DI Water 8
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-23-11 16:19 IN

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 #: 11H0903
Project Location: New Bedford, MA	RTN:

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

11H0903-01 thru 11H0903-04

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 (X)	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]
	<u>Data User Note:</u> 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: 08/29/11

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

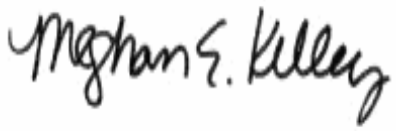
August 30, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1129

Enclosed are results of analyses for samples received by the laboratory on August 29, 2011. 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: 8/30/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1129

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP A2 1	11H1129-01	Soil		SW-846 1311	
				SW-846 6010C	
STKP A2 2	11H1129-02	Soil		SW-846 1311	
				SW-846 6010C	
STKP A2 3	11H1129-03	Soil		SW-846 1311	
				SW-846 6010C	
STKP A2 4	11H1129-04	Soil		SW-846 1311	
				SW-846 6010C	

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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.

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

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1129

Date Received: 8/29/2011

Field Sample #: STKP A2 1 | Sampled: 8/22/2011 14:00

Sample ID: 11H1129-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.017	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:34	OP
Lead	2.8	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:34	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1129

Date Received: 8/29/2011

Field Sample #: STKP A2 2 | Sampled: 8/22/2011 14:30

Sample ID: 11H1129-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.018	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:54	OP
Lead	2.3	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:54	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1129

Date Received: 8/29/2011

Field Sample #: STKP A2 3 | Sampled: 8/22/2011 15:30

Sample ID: 11H1129-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.022	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:59	OP
Lead	4.0	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 18:59	OP

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1129

Date Received: 8/29/2011

Field Sample #: STKP A2 4 | Sampled: 8/23/2011 09:00

Sample ID: 11H1129-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.019	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 19:04	OP
Lead	3.6	0.010	mg/L	1		SW-846 6010C	8/29/11	8/29/11 19:04	OP

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 8/29/2011 per SW-846 1311 in Batch B036370**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1129-01 [STKP A2 1]	B036369	50.0	50.0	08/29/11
11H1129-02 [STKP A2 2]	B036369	50.0	50.0	08/29/11
11H1129-03 [STKP A2 3]	B036369	50.0	50.0	08/29/11
11H1129-04 [STKP A2 4]	B036369	50.0	50.0	08/29/11

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

QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036369 - SW-846 3010A										
Blank (B036369-BLK1)				Prepared & Analyzed: 08/29/11						
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B036369-BS1)				Prepared & Analyzed: 08/29/11						
Chromium	0.504	0.010	mg/L	0.500		101	80-120			
Lead	0.485	0.010	mg/L	0.500		97.0	80-120			
LCS Dup (B036369-BSD1)				Prepared & Analyzed: 08/29/11						
Chromium	0.477	0.010	mg/L	0.500		95.4	80-120	5.48	20	
Lead	0.461	0.010	mg/L	0.500		92.2	80-120	4.99	20	
Matrix Spike (B036369-MS1)	**Source: 11H1129-01**			Prepared & Analyzed: 08/29/11						
Chromium	0.530	0.010	mg/L	0.500	0.0170	103	75-125			
Lead	3.41	0.010	mg/L	0.500	2.81	119	75-125			

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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.

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 6010C in Water	
Chromium	NY,CT,ME,NC,NH
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

11H1129 ~~11H0903~~

CHAIN OF CUSTODY RECORD

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD NBHS RAM
Sampled By: JEFF R & JASON F.
Proposal Provided? (For Billing purposes) ☐ yes ______ proposal date
State Form Required? ☐ yes ☐ no

Telephone: (978) 970 5600
Project # 115058
Client PO # 36222

DATA DELIVERY (check one): ☐FAX ☑EMAIL ☑WEBSITE CLIENT
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑EXCEL ☑PDF ☐ GIS KEY ☐ OTHER

	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M. DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD!
# of containers	12	8	4								
**Preservation	M/DI	-	-								
~Cont. Code	✓	A	G								

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M. DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD!
	STKP A2 1	-1	8/22	14:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 2	-2	8/22	14:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 3	-3	8/22	15:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP A2 4	-4	8/23	9:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

① Samples activated for TCLP lead and Chromium per Jeff S. HY 8/29/11

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

Client Comments:

Laboratory Comments: RUSH < 4-DAY OR SOONER.
08-23-11 16:19 IN

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) [signature] Date/Time: 8/23 11:13 AM
Received by: (signature) [signature] Date/Time: 8/23/11 11:13
Relinquished by: (signature) [signature] Date/Time: 8/23/11 16:05
Received by: (signature) [signature] 3.8 Date/Time: 8/23 16:05

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

Detection Limit Requirements
Regulations? MCP COMM 97
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: TURNKEY

***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

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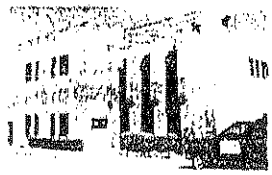


Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 8/23/11

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

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 3.8

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	4
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4

Bisulfate _____ # DI Water 8

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-23-11 16:19 IN

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

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

Doc# 277

Rev. 1 May 2011

Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Monday, August 29, 2011 8:50 AM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Holly,

Based on the draft report, please proceed with the TCLP lead and chromium analyses for all four samples (STKP-A2-1 through STKP-A2-4) in report 11H0903. Please expedite these results as much as possible.

Please let me know if you have any questions. Thanks.

-Jeff

From: Holly Folsom [mailto:hfolsom@contestlabs.com]
Sent: Friday, August 26, 2011 4:22 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Please find attached a draft report for 11H0903.

Thanks,

Holly Folsom
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-2332 x50
HFolsom@contestlabs.com

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Friday, August 26, 2011 11:06 AM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Misc. Authorizations

Holly,

I must not have. I do have the draft version you sent along, but I think the pesticides data was missing and the report is stamped draft. If the final one is available can you please resend it. Sorry for the confusion.

Please send along the draft of 11H0903. Do you think this report will be finalized today?

-Jeff

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

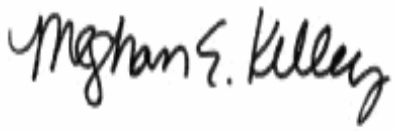
September 6, 2011

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

Project Location: NBHS - New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1099

Enclosed are results of analyses for samples received by the laboratory on August 26, 2011. 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: 9/6/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1099

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

PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP A2 5	11H1099-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 10	11H1099-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 11	11H1099-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 12	11H1099-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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REPORT DATE: 9/6/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1099

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

PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 13	11H1099-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 14	11H1099-09	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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REPORT DATE: 9/6/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1099

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

PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 15	11H1099-10	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 16	11H1099-11	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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 RCRA 8 metals were requested and reported.

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H1099-11[STKP B3 16]

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H1099-11[STKP B3 16]

SW-846 8260C

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:

1,2,4-Trichlorobenzene, Naphthalene

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16], B036355-BLK1, B036355-BS1, B036355-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:

1,2,3-Trichlorobenzene, Vinyl Chloride

B036355-BSD1, B036355-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:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B036355-BS1, B036355-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Hexachlorobutadiene, Naphthalene, n-Butylbenzene

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16], B036355-BLK1, B036355-BS1, B036355-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

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16], B036355-BLK1, B036355-BS1, B036355-BSD1

SW-846 8270D

Qualifications:

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

Analyte & Samples(s) Qualified:

Aniline

B036373-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

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16], B036373-BLK1, B036373-BS1, B036373-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

, 4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11H1099-11[STKP B3 16], 11H1099-01[STKP A2 5], 11H1099-05[STKP B3 13], 11H1099-10[STKP B3 15]

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

11H1099-09[STKP B3 14]

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

Analyte & Samples(s) Qualified:

1,2-Diphenylhydrazine (as Azobenzene), 4-Nitrophenol, Bis(2-chloroisopropyl)ether, Isophorone, Nitrobenzene

11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16], B036373-BLK1, B036373-BS1, B036373-BSD1

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

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine, Indeno(1,2,3-cd)pyrene

B036373-BLK1, B036373-BS1, B036373-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-chloroethyl)ether, Bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13]

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11H1099-01[STKP A2 5], 11H1099-02[STKP B3 10], 11H1099-03[STKP B3 11], 11H1099-04[STKP B3 12], 11H1099-05[STKP B3 13], 11H1099-09[STKP B3 14], 11H1099-10[STKP B3 15], 11H1099-11[STKP B3 16]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Carbon Disulfide	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Chloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Diethyl Ether	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 8:33	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Methylene Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Naphthalene	ND	0.0066	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2,3-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2,4-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		8/29/11 8:33
Toluene-d8	106	70-130		8/29/11 8:33
4-Bromofluorobenzene	108	70-130		8/29/11 8:33

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Acetophenone	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Aniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Anthracene	0.49	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Benzo(a)anthracene	1.2	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Benzo(a)pyrene	1.0	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Benzo(b)fluoranthene	1.3	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Benzo(g,h,i)perylene	0.86	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Benzo(k)fluoranthene	0.49	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Bis(2-chloroethoxy)methane	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Bis(2-chloroethyl)ether	ND	0.74	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.74	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
4-Bromophenylphenylether	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
4-Chloroaniline	ND	1.4	mg/Kg dry	1	L-15, RL-08	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2-Chloronaphthalene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2-Chlorophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Chrysene	1.3	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Dibenz(a,h)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Dibenzofuran	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Di-n-butylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
1,2-Dichlorobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
1,3-Dichlorobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
1,4-Dichlorobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4-Dichlorophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Diethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4-Dimethylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Dimethylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4-Dinitrotoluene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,6-Dinitrotoluene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Fluoranthene	1.9	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Hexachlorobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Hexachlorobutadiene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Hexachloroethane	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Indeno(1,2,3-cd)pyrene	1.2	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Isophorone	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

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	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2-Methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
3/4-Methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Nitrobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Pentachlorophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Phenanthrene	1.9	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Phenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
Pyrene	2.4	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
1,2,4-Trichlorobenzene	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4,5-Trichlorophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M
2,4,6-Trichlorophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:14	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	78.5	30-130		8/29/11 17:14
Phenol-d6	79.7	30-130		8/29/11 17:14
Nitrobenzene-d5	77.6	30-130		8/29/11 17:14
2-Fluorobiphenyl	74.8	30-130		8/29/11 17:14
2,4,6-Tribromophenol	92.2	30-130		8/29/11 17:14
Terphenyl-d14	89.9	30-130		8/29/11 17:14

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
gamma-BHC (Lindane) [1]	ND	0.044	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Chlordane [1]	ND	0.44	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:21	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		9/3/11 14:21
Decachlorobiphenyl [2]	101	30-150		9/3/11 14:21
Tetrachloro-m-xylene [1]	83.3	30-150		9/3/11 14:21
Tetrachloro-m-xylene [2]	90.2	30-150		9/3/11 14:21

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

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 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1254 [1]	0.86	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/30/11 14:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	68.3	30-150		8/30/11 14:25
Decachlorobiphenyl [2]	71.8	30-150		8/30/11 14:25
Tetrachloro-m-xylene [1]	101	30-150		8/30/11 14:25
Tetrachloro-m-xylene [2]	102	30-150		8/30/11 14:25

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

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	800	90	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/30/11 13:45	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	80.6	40-140					8/30/11 13:45

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Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Barium	1500	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Cadmium	2.9	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Chromium	120	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Lead	560	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Mercury	0.74	0.081	mg/Kg dry	3		SW-846 7471B	8/29/11	8/29/11 14:54	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP
Silver	0.86	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:52	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11H1099-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @17.6°C	6.0		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	5.0	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	91.9		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.054	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Bromomethane	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Carbon Disulfide	ND	0.0032	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Chlorodibromomethane	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Chloroethane	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Chloromethane	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2-Dibromoethane (EDB)	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,3-Dichloropropane	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
cis-1,3-Dichloropropene	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
trans-1,3-Dichloropropene	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Diethyl Ether	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Diisopropyl Ether (DIPE)	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,4-Dioxane	ND	0.054	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 8:59	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Methylene Chloride	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Naphthalene	ND	0.0054	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.00054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Tetrahydrofuran	ND	0.0054	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2,3-Trichlorobenzene	ND	0.0054	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2,4-Trichlorobenzene	ND	0.0054	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
Vinyl Chloride	ND	0.0054	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 8:59	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		8/29/11 8:59
Toluene-d8	96.5	70-130		8/29/11 8:59
4-Bromofluorobenzene	99.6	70-130		8/29/11 8:59

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

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 8270D	8/29/11	8/29/11 17:46	BGL/M
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Benzo(a)anthracene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Benzo(a)pyrene	0.29	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Benzo(b)fluoranthene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Benzo(g,h,i)perylene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
4-Chloroaniline	ND	0.71	mg/Kg dry	1	L-15	SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Chrysene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Fluoranthene	0.46	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Indeno(1,2,3-cd)pyrene	0.38	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

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	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Phenanthrene	0.35	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
Pyrene	0.59	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 17:46	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	79.7	30-130		8/29/11 17:46
Phenol-d6	79.4	30-130		8/29/11 17:46
Nitrobenzene-d5	85.0	30-130		8/29/11 17:46
2-Fluorobiphenyl	75.3	30-130		8/29/11 17:46
2,4,6-Tribromophenol	89.1	30-130		8/29/11 17:46
Terphenyl-d14	92.7	30-130		8/29/11 17:46

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
4,4'-DDD [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
4,4'-DDE [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
4,4'-DDT [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Dieldrin [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		9/3/11 14:39
Decachlorobiphenyl [2]	106	30-150		9/3/11 14:39
Tetrachloro-m-xylene [1]	91.9	30-150		9/3/11 14:39
Tetrachloro-m-xylene [2]	88.2	30-150		9/3/11 14:39

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

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	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1254 [1]	2.4	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/29/11	8/30/11 14:11	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.5	30-150		8/30/11 14:11
Decachlorobiphenyl [2]	97.8	30-150		8/30/11 14:11
Tetrachloro-m-xylene [1]	114	30-150		8/30/11 14:11
Tetrachloro-m-xylene [2]	115	30-150		8/30/11 14:11

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

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	100	45	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/29/11 21:55	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	94.0	40-140					8/29/11 21:55

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Barium	94	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Chromium	10	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Lead	55	0.78	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Mercury	0.079	0.026	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:31	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 21:57	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 10 | Sampled: 8/25/2011 10:15

Sample ID: 11H1099-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @18.1°C	5.5		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	3.7	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	92.5		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.057	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Bromomethane	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
2-Butanone (MEK)	ND	0.023	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Carbon Disulfide	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Chlorodibromomethane	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Chloroethane	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Chloroform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Chloromethane	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,3-Dichloropropane	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
cis-1,3-Dichloropropene	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
trans-1,3-Dichloropropene	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Diethyl Ether	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,4-Dioxane	ND	0.057	mg/Kg dry	1	V-16, V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Methylene Chloride	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Naphthalene	ND	0.0057	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Tetrahydrofuran	ND	0.0057	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2,3-Trichlorobenzene	ND	0.0057	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2,4-Trichlorobenzene	ND	0.0057	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
Vinyl Chloride	ND	0.0057	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
m+p Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		8/29/11 9:25
Toluene-d8	95.8	70-130		8/29/11 9:25
4-Bromofluorobenzene	96.8	70-130		8/29/11 9:25

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

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 8270D	8/29/11	8/29/11 18:18	BGL/M
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Benzo(b)fluoranthene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
4-Chloroaniline	ND	0.72	mg/Kg dry	1	L-15	SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Fluoranthene	0.29	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Indeno(1,2,3-cd)pyrene	0.29	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

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	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Phenanthrene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
Pyrene	0.36	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:18	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	77.3	30-130		8/29/11 18:18
Phenol-d6	75.1	30-130		8/29/11 18:18
Nitrobenzene-d5	85.0	30-130		8/29/11 18:18
2-Fluorobiphenyl	69.7	30-130		8/29/11 18:18
2,4,6-Tribromophenol	114	30-130		8/29/11 18:18
Terphenyl-d14	93.7	30-130		8/29/11 18:18

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
4,4'-DDD [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
4,4'-DDE [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
4,4'-DDT [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Dieldrin [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 14:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.8	30-150		9/3/11 14:57
Decachlorobiphenyl [2]	98.6	30-150		9/3/11 14:57
Tetrachloro-m-xylene [1]	88.3	30-150		9/3/11 14:57
Tetrachloro-m-xylene [2]	89.8	30-150		9/3/11 14:57

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

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 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1254 [1]	0.21	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	72.2	30-150		8/29/11 19:40
Decachlorobiphenyl [2]	75.1	30-150		8/29/11 19:40
Tetrachloro-m-xylene [1]	93.7	30-150		8/29/11 19:40
Tetrachloro-m-xylene [2]	96.4	30-150		8/29/11 19:40

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

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	58	9.1	mg/Kg dry	1		SW-846 8100 Modified	8/29/11	8/30/11 13:26	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	79.0	40-140					8/30/11 13:26

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Barium	32	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Chromium	9.6	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Lead	44	0.78	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Mercury	0.057	0.028	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:33	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 19:58	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/30/11 9:42	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 11 | Sampled: 8/25/2011 11:40

Sample ID: 11H1099-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @17.4°C	5.0		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	2.6	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	91.9		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Bromoform	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Bromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Carbon Disulfide	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Carbon Tetrachloride	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Chlorodibromomethane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Chloroethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Chloromethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2-Dibromoethane (EDB)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,3-Dichloropropane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
cis-1,3-Dichloropropene	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
trans-1,3-Dichloropropene	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Diethyl Ether	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Diisopropyl Ether (DIPE)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,4-Dioxane	ND	0.050	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 9:51	MFF

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Isopropylbenzene (Cumene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Methylene Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Tetrahydrofuran	ND	0.0050	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2,3-Trichlorobenzene	ND	0.0050	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2,4-Trichlorobenzene	ND	0.0050	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
Vinyl Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 9:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/29/11 9:51
Toluene-d8	103	70-130		8/29/11 9:51
4-Bromofluorobenzene	93.7	70-130		8/29/11 9:51

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

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 8270D	8/29/11	8/29/11 18:50	BGL/M
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Benzo(a)anthracene	0.44	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Benzo(a)pyrene	0.69	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Benzo(b)fluoranthene	0.81	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Benzo(g,h,i)perylene	0.80	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Benzo(k)fluoranthene	0.29	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
4-Chloroaniline	ND	0.70	mg/Kg dry	1	L-15	SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Chrysene	0.51	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Dibenz(a,h)anthracene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Fluoranthene	0.33	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Indeno(1,2,3-cd)pyrene	0.85	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

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	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Phenanthrene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
Pyrene	0.77	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 18:50	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	88.1	30-130		8/29/11 18:50
Phenol-d6	86.3	30-130		8/29/11 18:50
Nitrobenzene-d5	93.2	30-130		8/29/11 18:50
2-Fluorobiphenyl	77.9	30-130		8/29/11 18:50
2,4,6-Tribromophenol	112	30-130		8/29/11 18:50
Terphenyl-d14	117	30-130		8/29/11 18:50

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
alpha-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
beta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
delta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
gamma-BHC (Lindane) [1]	ND	0.042	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Chlordane [1]	ND	0.42	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
4,4'-DDD [1]	ND	0.084	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
4,4'-DDE [1]	ND	0.084	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
4,4'-DDT [1]	ND	0.084	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Dieldrin [1]	ND	0.084	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Endosulfan I [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Heptachlor [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Heptachlor epoxide [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Hexachlorobenzene [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB
Methoxychlor [1]	ND	1.0	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.5	30-150		9/3/11 15:15
Decachlorobiphenyl [2]	94.2	30-150		9/3/11 15:15
Tetrachloro-m-xylene [1]	85.0	30-150		9/3/11 15:15
Tetrachloro-m-xylene [2]	84.3	30-150		9/3/11 15:15

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

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	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1254 [1]	0.53	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 19:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.8	30-150		8/29/11 19:54
Decachlorobiphenyl [2]	92.5	30-150		8/29/11 19:54
Tetrachloro-m-xylene [1]	102	30-150		8/29/11 19:54
Tetrachloro-m-xylene [2]	104	30-150		8/29/11 19:54

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

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	55	8.8	mg/Kg dry	1		SW-846 8100 Modified	8/29/11	8/29/11 22:13	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	100	40-140					8/29/11 22:13

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Barium	30	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Chromium	6.7	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Lead	42	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Mercury	0.058	0.026	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:35	CWB
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:02	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 12 | Sampled: 8/25/2011 12:20

Sample ID: 11H1099-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @18.1°C	5.5		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	ND	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	94.6		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.071	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Bromomethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
n-Butylbenzene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Carbon Disulfide	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Chlorodibromomethane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Chloroethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Chloromethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,3-Dichloropropane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
cis-1,3-Dichloropropene	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
trans-1,3-Dichloropropene	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Diethyl Ether	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Diisopropyl Ether (DIPE)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,4-Dioxane	ND	0.071	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 10:17	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Hexachlorobutadiene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Methylene Chloride	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Naphthalene	ND	0.0071	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Tetrahydrofuran	ND	0.0071	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2,3-Trichlorobenzene	ND	0.0071	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2,4-Trichlorobenzene	ND	0.0071	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
Vinyl Chloride	ND	0.0071	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		8/29/11 10:17
Toluene-d8	104	70-130		8/29/11 10:17
4-Bromofluorobenzene	102	70-130		8/29/11 10:17

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Acenaphthylene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Acetophenone	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Aniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Benzo(a)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Benzo(a)pyrene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Benzo(b)fluoranthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Benzo(g,h,i)perylene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Benzo(k)fluoranthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Bis(2-chloroethoxy)methane	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Bis(2-chloroethyl)ether	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
4-Bromophenylphenylether	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
4-Chloroaniline	ND	1.4	mg/Kg dry	1	L-15, RL-08	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2-Chloronaphthalene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2-Chlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Chrysene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Dibenz(a,h)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Dibenzofuran	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Di-n-butylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
1,2-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
1,3-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
1,4-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
3,3-Dichlorobenzidine	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4-Dichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Diethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4-Dimethylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Dimethylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4-Dinitrotoluene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,6-Dinitrotoluene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Fluoranthene	0.47	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Fluorene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Hexachlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Hexachlorobutadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Hexachloroethane	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Indeno(1,2,3-cd)pyrene	0.55	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Isophorone	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

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	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2-Methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
3/4-Methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Naphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Nitrobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Pentachlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Phenanthrene	0.41	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Phenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
Pyrene	0.76	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
1,2,4-Trichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4,5-Trichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M
2,4,6-Trichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:22	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	97.7	30-130		8/29/11 19:22
Phenol-d6	98.4	30-130		8/29/11 19:22
Nitrobenzene-d5	98.9	30-130		8/29/11 19:22
2-Fluorobiphenyl	85.6	30-130		8/29/11 19:22
2,4,6-Tribromophenol	117	30-130		8/29/11 19:22
Terphenyl-d14	126	30-130		8/29/11 19:22

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
alpha-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
beta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
delta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
gamma-BHC (Lindane) [1]	ND	0.042	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Chlordane [1]	ND	0.42	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
4,4'-DDD [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
4,4'-DDE [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
4,4'-DDT [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Dieldrin [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Endosulfan I [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Heptachlor [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Heptachlor epoxide [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Hexachlorobenzene [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB
Methoxychlor [1]	ND	1.0	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:33	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.2	30-150		9/3/11 15:33
Decachlorobiphenyl [2]	87.7	30-150		9/3/11 15:33
Tetrachloro-m-xylene [1]	80.1	30-150		9/3/11 15:33
Tetrachloro-m-xylene [2]	79.1	30-150		9/3/11 15:33

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

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	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1254 [1]	0.42	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:07	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.8	30-150		8/29/11 20:07
Decachlorobiphenyl [2]	91.3	30-150		8/29/11 20:07
Tetrachloro-m-xylene [1]	93.2	30-150		8/29/11 20:07
Tetrachloro-m-xylene [2]	96.5	30-150		8/29/11 20:07

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

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	73	44	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/29/11 21:19	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	95.5	40-140					8/29/11 21:19

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Barium	76	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Chromium	9.0	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Lead	57	0.78	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Mercury	0.058	0.026	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:36	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:07	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 13 | Sampled: 8/25/2011 12:45

Sample ID: 11H1099-05

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @18.9°C	5.5		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	ND	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	95.2		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.055	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Bromomethane	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
2-Butanone (MEK)	ND	0.022	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Carbon Disulfide	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Chlorodibromomethane	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Chloroethane	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Chloroform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Chloromethane	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2-Dibromoethane (EDB)	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,3-Dichloropropane	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
cis-1,3-Dichloropropene	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
trans-1,3-Dichloropropene	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Diethyl Ether	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Diisopropyl Ether (DIPE)	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,4-Dioxane	ND	0.055	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 10:43	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Methylene Chloride	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Naphthalene	ND	0.0055	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.00055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Tetrahydrofuran	ND	0.0055	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2,3-Trichlorobenzene	ND	0.0055	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2,4-Trichlorobenzene	ND	0.0055	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
Vinyl Chloride	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
m+p Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 10:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/29/11 10:43
Toluene-d8	100	70-130		8/29/11 10:43
4-Bromofluorobenzene	90.6	70-130		8/29/11 10:43

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

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 8270D	8/29/11	8/30/11 9:24	BGL/M
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Benzo(a)anthracene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Benzo(a)pyrene	0.31	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Benzo(b)fluoranthene	0.33	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Benzo(g,h,i)perylene	0.22	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
4-Chloroaniline	ND	0.70	mg/Kg dry	1	L-15	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Chrysene	0.33	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Fluoranthene	0.51	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Indeno(1,2,3-cd)pyrene	0.28	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Isophorone	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

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	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Nitrobenzene	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
4-Nitrophenol	ND	0.70	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Phenanthrene	0.38	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
Pyrene	0.73	0.18	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:24	BGL/M

Surrogates	% Recovery		Recovery Limits	Flag		
2-Fluorophenol	96.2		30-130		8/30/11	9:24
Phenol-d6	97.5		30-130		8/30/11	9:24
Nitrobenzene-d5	69.0		30-130		8/30/11	9:24
2-Fluorobiphenyl	92.7		30-130		8/30/11	9:24
2,4,6-Tribromophenol	**134**	*	30-130	S-07	8/30/11	9:24
Terphenyl-d14	124		30-130		8/30/11	9:24

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
gamma-BHC (Lindane) [1]	ND	0.042	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Chlordane [1]	ND	0.42	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
4,4'-DDD [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
4,4'-DDE [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
4,4'-DDT [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Dieldrin [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 15:51	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	136	30-150		9/3/11 15:51
Decachlorobiphenyl [2]	134	30-150		9/3/11 15:51
Tetrachloro-m-xylene [1]	123	30-150		9/3/11 15:51
Tetrachloro-m-xylene [2]	122	30-150		9/3/11 15:51

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

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 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1254 [1]	0.37	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:21	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		8/29/11 20:21
Decachlorobiphenyl [2]	115	30-150		8/29/11 20:21
Tetrachloro-m-xylene [1]	117	30-150		8/29/11 20:21
Tetrachloro-m-xylene [2]	119	30-150		8/29/11 20:21

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

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	110	44	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/29/11 21:37	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	92.5	40-140					8/29/11 21:37

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Barium	96	2.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Cadmium	0.34	0.26	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Chromium	14	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Lead	110	0.79	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Mercury	0.23	0.026	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:38	CWB
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:12	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11H1099-09

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @18.3°C	5.2		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	2.4	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	94.3		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 11:09	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/29/11 11:09
Toluene-d8	102	70-130		8/29/11 11:09
4-Bromofluorobenzene	94.3	70-130		8/29/11 11:09

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Acenaphthylene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Acetophenone	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Aniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Benzo(a)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Benzo(a)pyrene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Benzo(b)fluoranthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Benzo(g,h,i)perylene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Benzo(k)fluoranthene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Bis(2-chloroethoxy)methane	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Bis(2-chloroethyl)ether	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Bis(2-chloroisopropyl)ether	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
4-Bromophenylphenylether	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
4-Chloroaniline	ND	1.4	mg/Kg dry	1	L-15, RL-08	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2-Chloronaphthalene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2-Chlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Chrysene	0.36	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Dibenz(a,h)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Dibenzofuran	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Di-n-butylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
1,2-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
1,3-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
1,4-Dichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
3,3-Dichlorobenzidine	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4-Dichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Diethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4-Dimethylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Dimethylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4-Dinitrotoluene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,6-Dinitrotoluene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1	RL-08	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Fluoranthene	0.53	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Fluorene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Hexachlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Hexachlorobutadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Hexachloroethane	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Indeno(1,2,3-cd)pyrene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Isophorone	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

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	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2-Methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
3/4-Methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Naphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Nitrobenzene	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
4-Nitrophenol	ND	1.4	mg/Kg dry	1	V-05	SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Pentachlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Phenanthrene	0.47	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Phenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
Pyrene	0.86	0.36	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
1,2,4-Trichlorobenzene	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4,5-Trichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M
2,4,6-Trichlorophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/29/11	8/30/11 9:52	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag		
2-Fluorophenol	81.7	30-130			8/30/11 9:52
Phenol-d6	78.3	30-130			8/30/11 9:52
Nitrobenzene-d5	58.4	30-130			8/30/11 9:52
2-Fluorobiphenyl	77.4	30-130			8/30/11 9:52
2,4,6-Tribromophenol	122	30-130			8/30/11 9:52
Terphenyl-d14	115	30-130			8/30/11 9:52

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
alpha-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
beta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
delta-BHC [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
gamma-BHC (Lindane) [1]	ND	0.042	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Chlordane [1]	ND	0.42	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
4,4'-DDD [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
4,4'-DDE [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
4,4'-DDT [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Dieldrin [1]	ND	0.083	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Endosulfan I [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Heptachlor [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Heptachlor epoxide [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Hexachlorobenzene [1]	ND	0.10	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB
Methoxychlor [1]	ND	1.0	mg/Kg dry	20		SW-846 8081B	8/29/11	9/3/11 16:09	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.7	30-150		9/3/11 16:09
Decachlorobiphenyl [2]	96.3	30-150		9/3/11 16:09
Tetrachloro-m-xylene [1]	86.8	30-150		9/3/11 16:09
Tetrachloro-m-xylene [2]	85.0	30-150		9/3/11 16:09

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

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	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1254 [1]	0.96	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082A	8/29/11	8/29/11 20:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.9	30-150		8/29/11 20:35
Decachlorobiphenyl [2]	93.4	30-150		8/29/11 20:35
Tetrachloro-m-xylene [1]	95.7	30-150		8/29/11 20:35
Tetrachloro-m-xylene [2]	97.9	30-150		8/29/11 20:35

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

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	130	44	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/30/11 13:08	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	94.8	40-140					8/30/11 13:08

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Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Barium	140	2.5	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Cadmium	0.29	0.25	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Chromium	18	0.50	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Lead	140	0.75	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Mercury	0.20	0.026	mg/Kg dry	1		SW-846 7471B	8/29/11	8/29/11 14:40	CWB
Selenium	ND	5.0	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP
Silver	ND	0.50	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:17	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11H1099-10

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @19.1°C	5.6		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	2.1	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	95.1		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.065	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Bromomethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Chlorodibromomethane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Chloroethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Chloromethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2-Dibromoethane (EDB)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,3-Dichloropropane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
cis-1,3-Dichloropropene	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
trans-1,3-Dichloropropene	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Diethyl Ether	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Diisopropyl Ether (DIPE)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,4-Dioxane	ND	0.065	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/29/11	8/29/11 11:35	MFF

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Methylene Chloride	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Naphthalene	ND	0.0065	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Tetrahydrofuran	ND	0.0065	mg/Kg dry	1	V-16	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2,3-Trichlorobenzene	ND	0.0065	mg/Kg dry	1	V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2,4-Trichlorobenzene	ND	0.0065	mg/Kg dry	1	L-04, V-05	SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
Vinyl Chloride	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/29/11	8/29/11 11:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		8/29/11 11:35
Toluene-d8	101	70-130		8/29/11 11:35
4-Bromofluorobenzene	96.7	70-130		8/29/11 11:35

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.89	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Acenaphthylene	ND	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Acetophenone	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Aniline	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Anthracene	1.9	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Benzo(a)anthracene	3.9	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Benzo(a)pyrene	3.3	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Benzo(b)fluoranthene	4.0	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Benzo(g,h,i)perylene	1.8	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Benzo(k)fluoranthene	1.6	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Butylbenzylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
4-Chloroaniline	ND	3.0	mg/Kg dry	2	L-15	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2-Chloronaphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2-Chlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Chrysene	4.0	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Dibenz(a,h)anthracene	ND	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Dibenzofuran	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Di-n-butylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
1,2-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
1,3-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
1,4-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
3,3-Dichlorobenzidine	ND	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Diethylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Dimethylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4-Dinitrophenol	ND	3.0	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Di-n-octylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Fluoranthene	6.7	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Fluorene	1.0	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Hexachlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Hexachlorobutadiene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Hexachloroethane	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Indeno(1,2,3-cd)pyrene	2.1	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Isophorone	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2-Methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
3/4-Methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Naphthalene	ND	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Nitrobenzene	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
4-Nitrophenol	ND	3.0	mg/Kg dry	2	V-05	SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Pentachlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Phenanthrene	8.5	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Phenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
Pyrene	7.0	0.77	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	8/29/11	8/30/11 13:19	BGL/M

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	64.0	30-130		8/30/11 13:19
Phenol-d6	53.7	30-130		8/30/11 13:19
Nitrobenzene-d5	45.9	30-130		8/30/11 13:19
2-Fluorobiphenyl	60.1	30-130		8/30/11 13:19
2,4,6-Tribromophenol	74.3	30-130		8/30/11 13:19
Terphenyl-d14	64.6	30-130		8/30/11 13:19

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
alpha-BHC [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
beta-BHC [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
delta-BHC [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
gamma-BHC (Lindane) [1]	ND	0.11	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Chlordane [1]	ND	1.1	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
4,4'-DDD [1]	ND	0.23	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
4,4'-DDE [1]	ND	0.23	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
4,4'-DDT [1]	ND	0.23	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Dieldrin [1]	ND	0.23	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Endosulfan I [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Endosulfan II [1]	ND	0.46	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Endosulfan sulfate [1]	ND	0.46	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Endrin [1]	ND	0.46	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Endrin ketone [1]	ND	0.46	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Heptachlor [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Heptachlor epoxide [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Hexachlorobenzene [1]	ND	0.28	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB
Methoxychlor [1]	ND	2.8	mg/Kg dry	50		SW-846 8081B	8/29/11	9/3/11 16:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	9/3/11 16:27
Decachlorobiphenyl [2]	*	30-150	S-01	9/3/11 16:27
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/3/11 16:27
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/3/11 16:27

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

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	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1254 [1]	2.9	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1260 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	8/29/11	8/30/11 14:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/30/11 14:39
Decachlorobiphenyl [2]	*	30-150	S-01	8/30/11 14:39
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/30/11 14:39
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/30/11 14:39

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

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	1200	94	mg/Kg dry	5		SW-846 8100 Modified	8/29/11	8/29/11 22:31	AP

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	79.9	40-140					8/29/11 22:31

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Barium	2100	2.8	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Cadmium	2.9	0.28	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Chromium	170	0.56	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Lead	960	0.83	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Mercury	0.95	0.14	mg/Kg dry	5		SW-846 7471B	8/29/11	8/29/11 14:56	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP
Silver	1.2	0.56	mg/Kg dry	1		SW-846 6010C	8/29/11	8/29/11 22:22	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11H1099

Date Received: 8/26/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11H1099-11

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/30/11	8/30/11 16:15	AED
Ignitability	Absent		present/absent	1		SW-846 1030	8/29/11	8/29/11 10:00	LL
pH @19.5°C	6.6		pH Units	1	H-03	SW-846 9045C	8/29/11	8/29/11 11:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/29/11	8/30/11 9:30	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	8/29/11	8/29/11 9:00	SBP
Specific conductance	3.9	2.0	µmhos/cm	1		SM18-20 2510B	8/29/11	8/29/11 14:00	LL
% Solids	87.9		% Wt	1		SM 2540G	8/29/11	8/30/11 8:03	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H1099-01 [STKP A2 5]	B036402	08/29/11
11H1099-02 [STKP B3 10]	B036402	08/29/11
11H1099-03 [STKP B3 11]	B036402	08/29/11
11H1099-04 [STKP B3 12]	B036402	08/29/11
11H1099-05 [STKP B3 13]	B036402	08/29/11
11H1099-09 [STKP B3 14]	B036402	08/29/11
11H1099-10 [STKP B3 15]	B036402	08/29/11
11H1099-11 [STKP B3 16]	B036402	08/29/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H1099-01 [STKP A2 5]	B036394	1.00	08/29/11
11H1099-02 [STKP B3 10]	B036394	1.00	08/29/11
11H1099-03 [STKP B3 11]	B036394	1.00	08/29/11
11H1099-04 [STKP B3 12]	B036394	1.00	08/29/11
11H1099-05 [STKP B3 13]	B036394	1.00	08/29/11
11H1099-09 [STKP B3 14]	B036394	1.00	08/29/11
11H1099-10 [STKP B3 15]	B036394	1.00	08/29/11
11H1099-11 [STKP B3 16]	B036394	1.00	08/29/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036464	50.0	50.0	08/30/11
11H1099-02 [STKP B3 10]	B036464	50.0	50.0	08/30/11
11H1099-03 [STKP B3 11]	B036464	50.0	50.0	08/30/11
11H1099-04 [STKP B3 12]	B036464	50.0	50.0	08/30/11
11H1099-05 [STKP B3 13]	B036464	50.0	50.0	08/30/11
11H1099-09 [STKP B3 14]	B036464	50.0	50.0	08/30/11
11H1099-10 [STKP B3 15]	B036464	50.0	50.0	08/30/11
11H1099-11 [STKP B3 16]	B036464	50.0	50.0	08/30/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036408	50.0	50.0	08/29/11
11H1099-02 [STKP B3 10]	B036408	50.0	50.0	08/29/11
11H1099-03 [STKP B3 11]	B036408	50.0	50.0	08/29/11
11H1099-04 [STKP B3 12]	B036408	50.0	50.0	08/29/11
11H1099-05 [STKP B3 13]	B036408	50.0	50.0	08/29/11
11H1099-09 [STKP B3 14]	B036408	50.0	50.0	08/29/11
11H1099-10 [STKP B3 15]	B036408	50.0	50.0	08/29/11
11H1099-11 [STKP B3 16]	B036408	50.0	50.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036353	1.04	50.0	08/29/11
11H1099-02 [STKP B3 10]	B036353	1.04	50.0	08/29/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-03 [STKP B3 11]	B036353	1.05	50.0	08/29/11
11H1099-04 [STKP B3 12]	B036353	1.00	50.0	08/29/11
11H1099-05 [STKP B3 13]	B036353	1.01	50.0	08/29/11
11H1099-09 [STKP B3 14]	B036353	1.00	50.0	08/29/11
11H1099-10 [STKP B3 15]	B036353	1.05	50.0	08/29/11
11H1099-11 [STKP B3 16]	B036353	1.02	50.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036354	0.602	50.0	08/29/11
11H1099-02 [STKP B3 10]	B036354	0.617	50.0	08/29/11
11H1099-03 [STKP B3 11]	B036354	0.592	50.0	08/29/11
11H1099-04 [STKP B3 12]	B036354	0.602	50.0	08/29/11
11H1099-05 [STKP B3 13]	B036354	0.614	50.0	08/29/11
11H1099-09 [STKP B3 14]	B036354	0.604	50.0	08/29/11
11H1099-10 [STKP B3 15]	B036354	0.610	50.0	08/29/11
11H1099-11 [STKP B3 16]	B036354	0.605	50.0	08/29/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036374	10.0	10.0	08/29/11
11H1099-02 [STKP B3 10]	B036374	10.0	10.0	08/29/11
11H1099-03 [STKP B3 11]	B036374	10.1	10.0	08/29/11
11H1099-04 [STKP B3 12]	B036374	10.1	10.0	08/29/11
11H1099-05 [STKP B3 13]	B036374	10.1	10.0	08/29/11
11H1099-09 [STKP B3 14]	B036374	10.0	10.0	08/29/11
11H1099-10 [STKP B3 15]	B036374	10.1	10.0	08/29/11
11H1099-11 [STKP B3 16]	B036374	10.0	10.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036375	10.0	50.0	08/29/11
11H1099-02 [STKP B3 10]	B036375	10.0	50.0	08/29/11
11H1099-03 [STKP B3 11]	B036375	10.1	50.0	08/29/11
11H1099-04 [STKP B3 12]	B036375	10.1	50.0	08/29/11
11H1099-05 [STKP B3 13]	B036375	10.1	50.0	08/29/11
11H1099-09 [STKP B3 14]	B036375	10.0	50.0	08/29/11
11H1099-10 [STKP B3 15]	B036375	10.1	50.0	08/29/11
11H1099-11 [STKP B3 16]	B036375	10.0	50.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036377	30.2	2.00	08/29/11
11H1099-02 [STKP B3 10]	B036377	30.2	1.00	08/29/11
11H1099-03 [STKP B3 11]	B036377	30.0	1.00	08/29/11
11H1099-04 [STKP B3 12]	B036377	30.1	1.00	08/29/11

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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
11H1099-05 [STKP B3 13]	B036377	30.0	1.00	08/29/11
11H1099-09 [STKP B3 14]	B036377	30.2	1.00	08/29/11
11H1099-10 [STKP B3 15]	B036377	30.1	1.00	08/29/11
11H1099-11 [STKP B3 16]	B036377	30.1	2.00	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036355	8.22	10.0	08/29/11
11H1099-02 [STKP B3 10]	B036355	10.1	10.0	08/29/11
11H1099-03 [STKP B3 11]	B036355	9.50	10.0	08/29/11
11H1099-04 [STKP B3 12]	B036355	10.6	10.0	08/29/11
11H1099-05 [STKP B3 13]	B036355	7.35	10.0	08/29/11
11H1099-09 [STKP B3 14]	B036355	9.57	10.0	08/29/11
11H1099-10 [STKP B3 15]	B036355	8.60	10.0	08/29/11
11H1099-11 [STKP B3 16]	B036355	8.69	10.0	08/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036373	30.2	2.00	08/29/11
11H1099-02 [STKP B3 10]	B036373	30.0	1.00	08/29/11
11H1099-03 [STKP B3 11]	B036373	30.0	1.00	08/29/11
11H1099-04 [STKP B3 12]	B036373	30.0	1.00	08/29/11
11H1099-05 [STKP B3 13]	B036373	30.1	2.00	08/29/11
11H1099-09 [STKP B3 14]	B036373	30.1	1.00	08/29/11
11H1099-10 [STKP B3 15]	B036373	30.1	2.00	08/29/11
11H1099-11 [STKP B3 16]	B036373	30.2	2.00	08/29/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036409	25.1	250	08/29/11
11H1099-02 [STKP B3 10]	B036409	25.2	250	08/29/11
11H1099-03 [STKP B3 11]	B036409	25.8	250	08/29/11
11H1099-04 [STKP B3 12]	B036409	25.3	250	08/29/11
11H1099-05 [STKP B3 13]	B036409	25.1	250	08/29/11
11H1099-09 [STKP B3 14]	B036409	25.1	250	08/29/11
11H1099-10 [STKP B3 15]	B036409	25.9	250	08/29/11
11H1099-11 [STKP B3 16]	B036409	25.9	250	08/29/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-01 [STKP A2 5]	B036410	25.1	250	08/29/11
11H1099-02 [STKP B3 10]	B036410	25.2	250	08/29/11
11H1099-03 [STKP B3 11]	B036410	25.8	250	08/29/11
11H1099-04 [STKP B3 12]	B036410	25.3	250	08/29/11
11H1099-05 [STKP B3 13]	B036410	25.1	250	08/29/11
11H1099-09 [STKP B3 14]	B036410	25.1	250	08/29/11

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Sample Extraction Data

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H1099-10 [STKP B3 15]	B036410	25.9	250	08/29/11
11H1099-11 [STKP B3 16]	B036410	25.9	250	08/29/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H1099-01 [STKP A2 5]	B036414	20.0	08/29/11
11H1099-02 [STKP B3 10]	B036414	20.0	08/29/11
11H1099-03 [STKP B3 11]	B036414	20.0	08/29/11
11H1099-04 [STKP B3 12]	B036414	20.0	08/29/11
11H1099-05 [STKP B3 13]	B036414	20.0	08/29/11
11H1099-09 [STKP B3 14]	B036414	20.0	08/29/11
11H1099-10 [STKP B3 15]	B036414	20.0	08/29/11
11H1099-11 [STKP B3 16]	B036414	20.0	08/29/11

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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 B036355 - SW-846 5035										
Blank (B036355-BLK1)				Prepared & Analyzed: 08/29/11						
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							V-05
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	mg/Kg wet							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							V-05
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							V-05
Isopropylbenzene (Cumene)	ND	0.0020	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							V-05
Naphthalene	ND	0.010	mg/Kg wet							L-04, V-05

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 B036355 - SW-846 5035											
Blank (B036355-BLK1)				Prepared & Analyzed: 08/29/11							
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							L-04, 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	*0.0494*		mg/Kg wet	0.0500		98.8	70-130				
Surrogate: Toluene-d8	*0.0524*		mg/Kg wet	0.0500		105	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0499*		mg/Kg wet	0.0500		99.7	70-130				
LCS (B036355-BS1)				Prepared & Analyzed: 08/29/11							
Acetone	0.208	0.10	mg/Kg wet	0.200		104	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130				
Benzene	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130				
Bromobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130				
Bromochloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130				
Bromodichloromethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromoform	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
Bromomethane	0.0133	0.010	mg/Kg wet	0.0200		66.4	40-160			L-14	†
2-Butanone (MEK)	0.170	0.040	mg/Kg wet	0.200		85.1	40-160			V-16	†
n-Butylbenzene	0.0180	0.0040	mg/Kg wet	0.0200		90.0	70-130			V-05	
sec-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
tert-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0146	0.0010	mg/Kg wet	0.0200		73.0	70-130				
Carbon Disulfide	0.0169	0.0060	mg/Kg wet	0.0200		84.7	70-130				
Carbon Tetrachloride	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
Chlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
Chlorodibromomethane	0.0215	0.0010	mg/Kg wet	0.0200		108	70-130				
Chloroethane	0.0149	0.010	mg/Kg wet	0.0200		74.6	70-130				
Chloroform	0.0190	0.0040	mg/Kg wet	0.0200		95.2	70-130				
Chloromethane	0.0117	0.010	mg/Kg wet	0.0200		58.5	40-160			L-14	†
2-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130				
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0184	0.0040	mg/Kg wet	0.0200		92.0	70-130			V-05	
1,2-Dibromoethane (EDB)	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130				
Dibromomethane	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130				
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
1,3-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130				
1,4-Dichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	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 B036355 - SW-846 5035												
LCS (B036355-BS1)				Prepared & Analyzed: 08/29/11								
Dichlorodifluoromethane (Freon 12)	0.0139	0.010	mg/Kg wet	0.0200		69.3		40-160			L-14	†
1,1-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.0200		90.1		70-130				
1,2-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130				
1,1-Dichloroethylene	0.0189	0.0040	mg/Kg wet	0.0200		94.6		70-130				
cis-1,2-Dichloroethylene	0.0170	0.0020	mg/Kg wet	0.0200		84.9		70-130				
trans-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130				
1,2-Dichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.0		70-130				
1,3-Dichloropropane	0.0195	0.0010	mg/Kg wet	0.0200		97.3		70-130				
2,2-Dichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.3		70-130				
1,1-Dichloropropene	0.0181	0.0020	mg/Kg wet	0.0200		90.7		70-130				
cis-1,3-Dichloropropene	0.0201	0.0010	mg/Kg wet	0.0200		101		70-130				
trans-1,3-Dichloropropene	0.0231	0.0010	mg/Kg wet	0.0200		116		70-130				
Diethyl Ether	0.0184	0.010	mg/Kg wet	0.0200		92.0		70-130				
Diisopropyl Ether (DIPE)	0.0157	0.0010	mg/Kg wet	0.0200		78.6		70-130				
1,4-Dioxane	0.166	0.10	mg/Kg wet	0.200		83.2		40-160			V-05, V-16	†
Ethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.8		70-130				
Hexachlorobutadiene	0.0205	0.0040	mg/Kg wet	0.0200		103		70-130			V-05	
2-Hexanone (MBK)	0.170	0.020	mg/Kg wet	0.200		84.9		40-160			V-05	†
Isopropylbenzene (Cumene)	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
p-Isopropyltoluene (p-Cymene)	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0174	0.0040	mg/Kg wet	0.0200		87.0		70-130				
Methylene Chloride	0.0176	0.010	mg/Kg wet	0.0200		87.9		70-130				
4-Methyl-2-pentanone (MIBK)	0.160	0.020	mg/Kg wet	0.200		79.8		40-160			V-05	†
Naphthalene	0.0129	0.010	mg/Kg wet	0.0200		**64.5**	*	70-130			L-04, V-05	
n-Propylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
Styrene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
1,1,1,2-Tetrachloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg wet	0.0200		91.5		70-130				
Tetrachloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130				
Tetrahydrofuran	0.0160	0.010	mg/Kg wet	0.0200		79.9		70-130			V-16	
Toluene	0.0193	0.0020	mg/Kg wet	0.0200		96.7		70-130				
1,2,3-Trichlorobenzene	0.0140	0.010	mg/Kg wet	0.0200		70.2		70-130			V-05	
1,2,4-Trichlorobenzene	0.0137	0.010	mg/Kg wet	0.0200		**68.5**	*	70-130			L-04, V-05	
1,1,1-Trichloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.5		70-130				
Trichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130				
Trichlorofluoromethane (Freon 11)	0.0179	0.010	mg/Kg wet	0.0200		89.3		70-130				
1,2,3-Trichloropropane	0.0166	0.0020	mg/Kg wet	0.0200		82.8		70-130				
1,2,4-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7		70-130				
1,3,5-Trimethylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
Vinyl Chloride	0.0137	0.010	mg/Kg wet	0.0200		**68.7**	*	70-130			L-07	
m+p Xylene	0.0385	0.0040	mg/Kg wet	0.0400		96.2		70-130				
o-Xylene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0510*		mg/Kg wet	0.0500		102		70-130				
Surrogate: Toluene-d8	*0.0523*		mg/Kg wet	0.0500		105		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0545*		mg/Kg wet	0.0500		109		70-130				

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 B036355 - SW-846 5035												
LCS Dup (B036355-BSD1)				Prepared & Analyzed: 08/29/11								
Acetone	0.225	0.10	mg/Kg wet	0.200		113		40-160	7.82	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0172	0.0010	mg/Kg wet	0.0200		85.8		70-130	7.73	20		
Benzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130	7.42	20		
Bromobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9		70-130	1.04	20		
Bromochloromethane	0.0197	0.0020	mg/Kg wet	0.0200		98.7		70-130	8.78	20		
Bromodichloromethane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	2.25	20		
Bromoform	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	5.07	20		
Bromomethane	0.0142	0.010	mg/Kg wet	0.0200		71.1		40-160	6.84	20		†
2-Butanone (MEK)	0.171	0.040	mg/Kg wet	0.200		85.5		40-160	0.445	20	V-16	†
n-Butylbenzene	0.0189	0.0040	mg/Kg wet	0.0200		94.5		70-130	4.88	20	V-05	
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130	7.71	20		
tert-Butylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	5.36	20		
tert-Butyl Ethyl Ether (TBEE)	0.0152	0.0010	mg/Kg wet	0.0200		76.0		70-130	4.03	20		
Carbon Disulfide	0.0184	0.0060	mg/Kg wet	0.0200		92.2		70-130	8.48	20		
Carbon Tetrachloride	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	12.5	20		
Chlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1		70-130	0.511	20		
Chlorodibromomethane	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130	4.85	20		
Chloroethane	0.0166	0.010	mg/Kg wet	0.0200		83.2		70-130	10.9	20		
Chloroform	0.0203	0.0040	mg/Kg wet	0.0200		102		70-130	6.60	20		
Chloromethane	0.0137	0.010	mg/Kg wet	0.0200		68.3		40-160	15.5	20	L-14	†
2-Chlorotoluene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	6.14	20		
4-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	7.90	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0187	0.0040	mg/Kg wet	0.0200		93.7		70-130	1.83	20	V-05	
1,2-Dibromoethane (EDB)	0.0184	0.0010	mg/Kg wet	0.0200		91.9		70-130	6.02	20		
Dibromomethane	0.0185	0.0020	mg/Kg wet	0.0200		92.7		70-130	1.50	20		
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.8		70-130	2.13	20		
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1		70-130	0.739	20		
1,4-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.4		70-130	0.442	20		
Dichlorodifluoromethane (Freon 12)	0.0158	0.010	mg/Kg wet	0.0200		78.9		40-160	13.0	20		†
1,1-Dichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	11.9	20		
1,2-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130	0.203	20		
1,1-Dichloroethylene	0.0209	0.0040	mg/Kg wet	0.0200		104		70-130	9.85	20		
cis-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.3		70-130	9.43	20		
trans-1,2-Dichloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	10.5	20		
1,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	6.12	20		
1,3-Dichloropropane	0.0181	0.0010	mg/Kg wet	0.0200		90.4		70-130	7.35	20		
2,2-Dichloropropane	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	11.3	20		
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	13.6	20		
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.6		70-130	0.999	20		
trans-1,3-Dichloropropene	0.0222	0.0010	mg/Kg wet	0.0200		111		70-130	4.24	20		
Diethyl Ether	0.0195	0.010	mg/Kg wet	0.0200		97.5		70-130	5.80	20		
Diisopropyl Ether (DIPE)	0.0165	0.0010	mg/Kg wet	0.0200		82.5		70-130	4.84	20		
1,4-Dioxane	0.171	0.10	mg/Kg wet	0.200		85.6		40-160	2.91	20	V-05, V-16	†
Ethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130	2.25	20		
Hexachlorobutadiene	0.0210	0.0040	mg/Kg wet	0.0200		105		70-130	2.31	20	V-05	
2-Hexanone (MBK)	0.164	0.020	mg/Kg wet	0.200		81.9		40-160	3.62	20	V-05	†
Isopropylbenzene (Cumene)	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	3.96	20		
p-Isopropyltoluene (p-Cymene)	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	3.22	20		
Methyl tert-Butyl Ether (MTBE)	0.0181	0.0040	mg/Kg wet	0.0200		90.6		70-130	4.05	20		
Methylene Chloride	0.0184	0.010	mg/Kg wet	0.0200		92.1		70-130	4.67	20		
4-Methyl-2-pentanone (MIBK)	0.157	0.020	mg/Kg wet	0.200		78.5		40-160	1.53	20	V-05	†
Naphthalene	0.0128	0.010	mg/Kg wet	0.0200		**63.8**	*	70-130	1.09	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 B036355 - SW-846 5035											
LCS Dup (B036355-BSD1)				Prepared & Analyzed: 08/29/11							
n-Propylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	1.05	20	
Styrene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	0.498	20	
1,1,1,2-Tetrachloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	5.08	20	
1,1,2,2-Tetrachloroethane	0.0173	0.0010	mg/Kg wet	0.0200		86.4		70-130	5.73	20	
Tetrachloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	2.80	20	
Tetrahydrofuran	0.0163	0.010	mg/Kg wet	0.0200		81.5		70-130	1.98	20	V-16
Toluene	0.0198	0.0020	mg/Kg wet	0.0200		99.2		70-130	2.55	20	
1,2,3-Trichlorobenzene	0.0133	0.010	mg/Kg wet	0.0200		**66.4**	*	70-130	5.56	20	L-07, V-05
1,2,4-Trichlorobenzene	0.0135	0.010	mg/Kg wet	0.0200		**67.6**	*	70-130	1.32	20	L-04, V-05
1,1,1-Trichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	10.8	20	
1,1,2-Trichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.6		70-130	3.05	20	
Trichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	5.24	20	
Trichlorofluoromethane (Freon 11)	0.0190	0.010	mg/Kg wet	0.0200		94.8		70-130	5.98	20	
1,2,3-Trichloropropane	0.0151	0.0020	mg/Kg wet	0.0200		75.6		70-130	9.09	20	
1,2,4-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	8.42	20	
1,3,5-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	4.30	20	
Vinyl Chloride	0.0149	0.010	mg/Kg wet	0.0200		74.5		70-130	8.10	20	
m+p Xylene	0.0383	0.0040	mg/Kg wet	0.0400		95.8		70-130	0.417	20	
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	2.07	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0507*		mg/Kg wet	0.0500		101		70-130			
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101		70-130			

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 B036373 - SW-846 3546										
Blank (B036373-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11						
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							L-15
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							V-06
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							V-06
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							V-05
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 B036373 - SW-846 3546												
Blank (B036373-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11								
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	*6.97*		mg/Kg wet	6.67		105		30-130				
Surrogate: Phenol-d6	*6.98*		mg/Kg wet	6.67		105		30-130				
Surrogate: Nitrobenzene-d5	*2.26*		mg/Kg wet	3.33		67.9		30-130				
Surrogate: 2-Fluorobiphenyl	*3.02*		mg/Kg wet	3.33		90.5		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.54*		mg/Kg wet	6.67		128		30-130				
Surrogate: Terphenyl-d14	*3.63*		mg/Kg wet	3.33		109		30-130				
LCS (B036373-BS1)				Prepared & Analyzed: 08/29/11								
Acenaphthene	1.36	0.17	mg/Kg wet	1.67		81.6		40-140				
Acenaphthylene	1.31	0.17	mg/Kg wet	1.67		78.7		40-140				
Acetophenone	1.30	0.34	mg/Kg wet	1.67		77.8		40-140				
Aniline	0.664	0.34	mg/Kg wet	1.67		**39.8**	*	40-140			L-03	
Anthracene	1.38	0.17	mg/Kg wet	1.67		82.7		40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.1		40-140				
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.1		40-140				
Benzo(b)fluoranthene	1.37	0.17	mg/Kg wet	1.67		82.4		40-140				
Benzo(g,h,i)perylene	1.28	0.17	mg/Kg wet	1.67		76.5		40-140				
Benzo(k)fluoranthene	1.44	0.17	mg/Kg wet	1.67		86.3		40-140				
Bis(2-chloroethoxy)methane	1.33	0.34	mg/Kg wet	1.67		79.6		40-140				
Bis(2-chloroethyl)ether	1.28	0.34	mg/Kg wet	1.67		76.9		40-140				
Bis(2-chloroisopropyl)ether	0.928	0.34	mg/Kg wet	1.67		55.7		40-140				
Bis(2-Ethylhexyl)phthalate	1.71	0.34	mg/Kg wet	1.67		102		40-140				
4-Bromophenylphenylether	1.58	0.34	mg/Kg wet	1.67		94.8		40-140				
Butylbenzylphthalate	1.64	0.66	mg/Kg wet	1.67		98.3		40-140				
4-Chloroaniline	0.396	0.66	mg/Kg wet	1.67		23.7		15-140			L-15	†
2-Chloronaphthalene	1.29	0.34	mg/Kg wet	1.67		77.4		40-140				
2-Chlorophenol	1.41	0.34	mg/Kg wet	1.67		84.7		30-130				
Chrysene	1.37	0.17	mg/Kg wet	1.67		82.4		40-140				
Dibenz(a,h)anthracene	1.41	0.17	mg/Kg wet	1.67		84.5		40-140				
Dibenzofuran	1.41	0.34	mg/Kg wet	1.67		84.3		40-140				
Di-n-butylphthalate	1.46	0.34	mg/Kg wet	1.67		87.4		40-140				
1,2-Dichlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.7		40-140				
1,3-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		71.9		40-140				
1,4-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		72.2		40-140				
3,3-Dichlorobenzidine	1.22	0.17	mg/Kg wet	1.67		73.1		40-140			V-06	
2,4-Dichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.2		30-130				
Diethylphthalate	1.34	0.34	mg/Kg wet	1.67		80.2		40-140				
2,4-Dimethylphenol	1.41	0.34	mg/Kg wet	1.67		84.4		30-130				
Dimethylphthalate	1.43	0.66	mg/Kg wet	1.67		86.0		40-140				
2,4-Dinitrophenol	1.06	0.66	mg/Kg wet	1.67		63.4		15-140				†
2,4-Dinitrotoluene	1.41	0.34	mg/Kg wet	1.67		84.6		40-140				
2,6-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		88.2		40-140				
Di-n-octylphthalate	1.50	0.66	mg/Kg wet	1.67		89.9		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.22	0.34	mg/Kg wet	1.67		73.4		40-140				
Fluoranthene	1.38	0.17	mg/Kg wet	1.67		82.7		40-140				
Fluorene	1.34	0.17	mg/Kg wet	1.67		80.2		40-140				
Hexachlorobenzene	1.57	0.34	mg/Kg wet	1.67		94.5		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 B036373 - SW-846 3546											
LCS (B036373-BS1)				Prepared & Analyzed: 08/29/11							
Hexachlorobutadiene	1.19	0.34	mg/Kg wet	1.67		71.4	40-140				
Hexachloroethane	1.06	0.34	mg/Kg wet	1.67		63.5	40-140				
Indeno(1,2,3-cd)pyrene	1.71	0.17	mg/Kg wet	1.67		102	40-140			V-06	
Isophorone	1.21	0.34	mg/Kg wet	1.67		72.7	40-140				
2-Methylnaphthalene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140				
2-Methylphenol	0.843	0.34	mg/Kg wet	1.67		50.6	30-130				
3/4-Methylphenol	0.865	0.34	mg/Kg wet	1.67		51.9	30-130				
Naphthalene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140				
Nitrobenzene	1.03	0.34	mg/Kg wet	1.67		61.6	40-140				
2-Nitrophenol	1.36	0.34	mg/Kg wet	1.67		81.9	30-130				
4-Nitrophenol	0.929	0.66	mg/Kg wet	1.67		55.7	15-140			V-05	†
Pentachlorophenol	1.21	0.34	mg/Kg wet	1.67		72.6	30-130				
Phenanthrene	1.37	0.17	mg/Kg wet	1.67		82.3	40-140				
Phenol	1.42	0.34	mg/Kg wet	1.67		84.9	15-140				†
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140				
1,2,4-Trichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.9	40-140				
2,4,5-Trichlorophenol	0.869	0.34	mg/Kg wet	1.67		52.1	30-130				
2,4,6-Trichlorophenol	1.48	0.34	mg/Kg wet	1.67		89.1	30-130				
Surrogate: 2-Fluorophenol	*6.57*		mg/Kg wet	6.67		98.6	30-130				
Surrogate: Phenol-d6	*6.31*		mg/Kg wet	6.67		94.7	30-130				
Surrogate: Nitrobenzene-d5	*2.29*		mg/Kg wet	3.33		68.8	30-130				
Surrogate: 2-Fluorobiphenyl	*3.35*		mg/Kg wet	3.33		100	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.58*		mg/Kg wet	6.67		114	30-130				
Surrogate: Terphenyl-d14	*3.95*		mg/Kg wet	3.33		118	30-130				
LCS Dup (B036373-BSD1)				Prepared & Analyzed: 08/29/11							
Acenaphthene	1.38	0.17	mg/Kg wet	1.67		82.9	40-140	1.56	30		
Acenaphthylene	1.33	0.17	mg/Kg wet	1.67		79.7	40-140	1.24	30		
Acetophenone	1.38	0.34	mg/Kg wet	1.67		82.5	40-140	5.84	30		
Aniline	0.716	0.34	mg/Kg wet	1.67		43.0	40-140	7.63	30		
Anthracene	1.40	0.17	mg/Kg wet	1.67		84.3	40-140	1.87	30		
Benzo(a)anthracene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140	0.859	30		
Benzo(a)pyrene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	0.0697	30		
Benzo(b)fluoranthene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140	3.23	30		
Benzo(g,h,i)perylene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	5.37	30		
Benzo(k)fluoranthene	1.39	0.17	mg/Kg wet	1.67		83.3	40-140	3.58	30		
Bis(2-chloroethoxy)methane	1.39	0.34	mg/Kg wet	1.67		83.2	40-140	4.40	30		
Bis(2-chloroethyl)ether	1.35	0.34	mg/Kg wet	1.67		81.2	40-140	5.36	30		
Bis(2-chloroisopropyl)ether	1.01	0.34	mg/Kg wet	1.67		60.5	40-140	8.30	30		
Bis(2-Ethylhexyl)phthalate	1.79	0.34	mg/Kg wet	1.67		107	40-140	4.70	30		
4-Bromophenylphenylether	1.52	0.34	mg/Kg wet	1.67		91.2	40-140	3.87	30		
Butylbenzylphthalate	1.74	0.66	mg/Kg wet	1.67		104	40-140	6.00	30		
4-Chloroaniline	0.374	0.66	mg/Kg wet	1.67		22.4	15-140	5.63	30	L-15	†
2-Chloronaphthalene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140	1.26	30		
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.8	30-130	3.64	30		
Chrysene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140	2.49	30		
Dibenz(a,h)anthracene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140	9.96	30		
Dibenzofuran	1.44	0.34	mg/Kg wet	1.67		86.4	40-140	2.44	30		
Di-n-butylphthalate	1.59	0.34	mg/Kg wet	1.67		95.6	40-140	8.94	30		
1,2-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.2	40-140	7.14	30		
1,3-Dichlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	8.32	30		
1,4-Dichlorobenzene	1.30	0.34	mg/Kg wet	1.67		77.8	40-140	7.41	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 B036373 - SW-846 3546											
LCS Dup (B036373-BSD1)				Prepared & Analyzed: 08/29/11							
3,3-Dichlorobenzidine	1.33	0.17	mg/Kg wet	1.67		79.8	40-140	8.68	30	V-06	
2,4-Dichlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130	1.88	30		
Diethylphthalate	1.43	0.34	mg/Kg wet	1.67		85.6	40-140	6.49	30		
2,4-Dimethylphenol	1.44	0.34	mg/Kg wet	1.67		86.1	30-130	1.99	30		
Dimethylphthalate	1.47	0.66	mg/Kg wet	1.67		88.1	40-140	2.50	30		
2,4-Dinitrophenol	1.26	0.66	mg/Kg wet	1.67		75.5	15-140	17.5	30		†
2,4-Dinitrotoluene	1.56	0.34	mg/Kg wet	1.67		93.5	40-140	9.99	30		
2,6-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		92.9	40-140	5.19	30		
Di-n-octylphthalate	1.27	0.66	mg/Kg wet	1.67		76.2	40-140	16.5	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	5.60	30		
Fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140	10.4	30		
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140	6.33	30		
Hexachlorobenzene	1.56	0.34	mg/Kg wet	1.67		93.8	40-140	0.765	30		
Hexachlorobutadiene	1.29	0.34	mg/Kg wet	1.67		77.6	40-140	8.40	30		
Hexachloroethane	1.17	0.34	mg/Kg wet	1.67		70.2	40-140	10.1	30		
Indeno(1,2,3-cd)pyrene	1.87	0.17	mg/Kg wet	1.67		112	40-140	9.02	30	V-06	
Isophorone	1.28	0.34	mg/Kg wet	1.67		76.9	40-140	5.64	30		
2-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140	2.53	30		
2-Methylphenol	0.877	0.34	mg/Kg wet	1.67		52.6	30-130	3.95	30		
3/4-Methylphenol	0.852	0.34	mg/Kg wet	1.67		51.1	30-130	1.48	30		
Naphthalene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140	5.05	30		
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.8	40-140	5.07	30		
2-Nitrophenol	1.50	0.34	mg/Kg wet	1.67		89.7	30-130	9.12	30		
4-Nitrophenol	1.15	0.66	mg/Kg wet	1.67		69.0	15-140	21.3	30	V-05	†
Pentachlorophenol	1.27	0.34	mg/Kg wet	1.67		76.1	30-130	4.71	30		
Phenanthrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	1.97	30		
Phenol	1.43	0.34	mg/Kg wet	1.67		86.0	15-140	1.22	30		†
Pyrene	1.76	0.17	mg/Kg wet	1.67		105	40-140	12.1	30		
1,2,4-Trichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.5	40-140	5.52	30		
2,4,5-Trichlorophenol	0.896	0.34	mg/Kg wet	1.67		53.8	30-130	3.10	30		
2,4,6-Trichlorophenol	1.50	0.34	mg/Kg wet	1.67		90.0	30-130	0.961	30		
Surrogate: 2-Fluorophenol	*6.77*		mg/Kg wet	6.67		102	30-130				
Surrogate: Phenol-d6	*6.28*		mg/Kg wet	6.67		94.3	30-130				
Surrogate: Nitrobenzene-d5	*2.38*		mg/Kg wet	3.33		71.4	30-130				
Surrogate: 2-Fluorobiphenyl	*3.28*		mg/Kg wet	3.33		98.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.54*		mg/Kg wet	6.67		128	30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036374 - SW-846 3546										
Blank (B036374-BLK1)				Prepared: 08/29/11 Analyzed: 09/01/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.205*		mg/Kg wet	0.200		102	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036374 - SW-846 3546										
LCS (B036374-BS1)				Prepared: 08/29/11 Analyzed: 09/01/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
alpha-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
beta-BHC	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140			
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
delta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		112	40-140			
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		114	40-140			
4,4'-DDD	0.023	0.0040	mg/Kg wet	0.0200		114	40-140			
4,4'-DDD [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140			
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		115	40-140			
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		115	40-140			
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		119	40-140			
Endosulfan I	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
Endosulfan II	0.023	0.0080	mg/Kg wet	0.0200		116	40-140			
Endosulfan II [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Endosulfan Sulfate	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Endosulfan Sulfate [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Endrin	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		114	40-140			
Endrin Ketone [2C]	0.024	0.0080	mg/Kg wet	0.0200		121	40-140			
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
Heptachlor [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
Heptachlor Epoxide	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
Heptachlor Epoxide [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
Hexachlorobenzene	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Methoxychlor	0.023	0.050	mg/Kg wet	0.0200		116	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		119	40-140			
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.203*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.4	30-150			
LCS Dup (B036374-BSD1)				Prepared: 08/29/11 Analyzed: 09/01/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	2.05	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140	2.08	30	
alpha-BHC	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	1.68	30	
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	1.71	30	
beta-BHC	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	1.23	30	
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	1.62	30	
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	1.25	30	
delta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	1.69	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		114	40-140	1.71	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		116	40-140	1.89	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036374 - SW-846 3546										
LCS Dup (B036374-BSD1)				Prepared: 08/29/11 Analyzed: 09/01/11						
4,4'-DDD	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	1.96	30	
4,4'-DDD [2C]	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	1.92	30	
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	1.97	30	
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	1.89	30	
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	2.22	30	
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	2.07	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	1.89	30	
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		122	40-140	1.94	30	
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	1.67	30	
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	1.65	30	
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	1.78	30	
Endosulfan II [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	1.81	30	
Endosulfan Sulfate	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	2.02	30	
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	1.81	30	
Endrin	0.022	0.0080	mg/Kg wet	0.0200		110	40-140	2.80	30	
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		108	40-140	2.43	30	
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	1.58	30	
Endrin Ketone [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140	1.79	30	
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	1.89	30	
Heptachlor [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	1.85	30	
Heptachlor Epoxide	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	1.74	30	
Heptachlor Epoxide [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140	1.81	30	
Hexachlorobenzene	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	0.702	30	
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	1.08	30	
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		118	40-140	2.17	30	
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		121	40-140	1.97	30	
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		92.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			

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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 B036375 - SW-846 3546										
Blank (B036375-BLK1)				Prepared & Analyzed: 08/29/11						
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	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
LCS (B036375-BS1)				Prepared & Analyzed: 08/29/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Surrogate: Decachlorobiphenyl	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B036375-BSD1)				Prepared & Analyzed: 08/29/11						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		130	40-140	12.4	30	
Aroclor-1016 [2C]	0.27	0.10	mg/Kg wet	0.200		135	40-140	8.11	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140	5.06	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	5.17	30	
Surrogate: Decachlorobiphenyl	*0.210*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg wet	0.200		119	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 B036377 - SW-846 3546										
Blank (B036377-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.87*		mg/Kg wet	3.33		116	40-140			
LCS (B036377-BS1)				Prepared: 08/29/11 Analyzed: 08/30/11						
TPH C9-C36 Hydrocarbons as Diesel	31.9	8.3	mg/Kg wet	33.3		95.6	40-140			
Surrogate: o-Terphenyl	*3.65*		mg/Kg wet	3.33		109	40-140			
LCS Dup (B036377-BSD1)				Prepared: 08/29/11 Analyzed: 08/30/11						
TPH C9-C36 Hydrocarbons as Diesel	30.3	8.3	mg/Kg wet	33.3		90.8	40-140	5.17	30	
Surrogate: o-Terphenyl	*3.57*		mg/Kg wet	3.33		107	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 B036353 - SW-846 3050B										
Blank (B036353-BLK1)				Prepared & Analyzed: 08/29/11						
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 (B036353-BS1)				Prepared & Analyzed: 08/29/11						
Arsenic	98.2	5.0	mg/Kg wet	92.6		106	83.2-117.4			
Barium	180	5.0	mg/Kg wet	169		107	83.1-116.9			
Cadmium	61.5	0.50	mg/Kg wet	61.8		99.6	80.7-119.1			
Chromium	73.5	0.99	mg/Kg wet	71.3		103	80.6-119.9			
Lead	92.9	1.5	mg/Kg wet	92.4		101	78.9-121.1			
Selenium	93.1	9.9	mg/Kg wet	89.5		104	79.2-120.3			
Silver	36.0	0.99	mg/Kg wet	34.4		105	66.3-133.7			
LCS (B036353-BS2)				Prepared & Analyzed: 08/29/11						
Lead	0.828	0.73	mg/Kg wet	0.731		113	80-120			
LCS Dup (B036353-BSD1)				Prepared & Analyzed: 08/29/11						
Arsenic	102	5.0	mg/Kg wet	92.6		111	83.2-117.4	4.14	30	
Barium	187	5.0	mg/Kg wet	169		110	83.1-116.9	3.62	30	
Cadmium	63.7	0.50	mg/Kg wet	61.8		103	80.7-119.1	3.46	30	
Chromium	76.5	1.0	mg/Kg wet	71.3		107	80.6-119.9	3.99	30	
Lead	97.3	1.5	mg/Kg wet	92.4		105	78.9-121.1	4.67	30	
Selenium	97.4	10	mg/Kg wet	89.5		109	79.2-120.3	4.48	30	
Silver	36.4	1.0	mg/Kg wet	34.4		106	66.3-133.7	1.07	30	
Duplicate (B036353-DUP1)	**Source: 11H1099-03**			Prepared & Analyzed: 08/29/11						
Arsenic	ND	2.6	mg/Kg dry		ND			NC	35	
Barium	31.5	2.6	mg/Kg dry		32.4			3.08	35	
Cadmium	ND	0.26	mg/Kg dry		ND			NC	35	
Chromium	6.83	0.53	mg/Kg dry		9.58			33.5	35	
Lead	40.6	0.79	mg/Kg dry		44.3			8.74	35	
Selenium	ND	5.3	mg/Kg dry		ND			NC	35	
Silver	ND	0.53	mg/Kg dry		ND			NC	35	
Matrix Spike (B036353-MS1)	**Source: 11H1099-03**			Prepared & Analyzed: 08/29/11						
Arsenic	27.9	2.7	mg/Kg dry	26.8	ND	104	75-125			
Barium	64.1	2.7	mg/Kg dry	26.8	32.4	118	75-125			
Cadmium	26.1	0.27	mg/Kg dry	26.8	ND	97.4	75-125			
Chromium	35.4	0.54	mg/Kg dry	26.8	9.58	96.5	75-125			
Lead	74.8	0.80	mg/Kg dry	26.8	44.3	114	75-125			
Selenium	24.9	5.4	mg/Kg dry	26.8	ND	92.9	75-125			
Silver	25.4	0.54	mg/Kg dry	26.8	ND	94.9	75-125			

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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 B036354 - SW-846 7471										
Blank (B036354-BLK1)				Prepared & Analyzed: 08/29/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B036354-BS1)				Prepared & Analyzed: 08/29/11						
Mercury	1.13	0.094	mg/Kg wet	1.25		90.4	66-132			
LCS Dup (B036354-BSD1)				Prepared & Analyzed: 08/29/11						
Mercury	1.07	0.093	mg/Kg wet	1.25		85.9	66-132	5.12	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 B036394 - SM18-20 2510B										
Blank (B036394-BLK1)				Prepared & Analyzed: 08/29/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B036394-BS1)				Prepared & Analyzed: 08/29/11						
Specific conductance	140	2.0	µmhos/cm	147		96.8	78.2-106			
Duplicate (B036394-DUP1)	**Source: 11H1099-03**			Prepared & Analyzed: 08/29/11						
Specific conductance	2.6	2.0	µmhos/cm		2.6			0.390	19.1	
Duplicate (B036394-DUP2)	**Source: 11H1099-11**			Prepared & Analyzed: 08/29/11						
Specific conductance	4.2	2.0	µmhos/cm		3.9			8.08	19.1	
Batch B036402 - % Solids										
Duplicate (B036402-DUP1)	**Source: 11H1099-01**			Prepared: 08/29/11 Analyzed: 08/30/11						
% Solids	91.4		% Wt		91.9			0.546	20	
Duplicate (B036402-DUP2)	**Source: 11H1099-11**			Prepared: 08/29/11 Analyzed: 08/30/11						
% Solids	87.7		% Wt		87.9			0.228	20	
Batch B036409 - SW-846 9014										
Blank (B036409-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B036409-BS1)				Prepared: 08/29/11 Analyzed: 08/30/11						
Reactive Cyanide	9.3	0.40	mg/Kg	10.0		93.1	0-200			
Batch B036410 - SW-846 9030A										
Blank (B036410-BLK1)				Prepared & Analyzed: 08/29/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B036410-BS1)				Prepared & Analyzed: 08/29/11						
Reactive Sulfide	8.8	2.0	mg/Kg	15.2		57.9	0-200			
Batch B036464 - SW-846 1010										
Blank (B036464-BLK1)				Prepared & Analyzed: 08/30/11						
Flashpoint	> 212 °F		°F							

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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 B036464 - SW-846 1010										
LCS (B036464-BS1)				Prepared & Analyzed: 08/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B036464-BSD1)				Prepared & Analyzed: 08/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	

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BREAKDOWN REPORT

Lab Sample ID:	S001007-PEM1	Analyzed:	09/03/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	2.13
Endrin [1]	6.43

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	5.87
Endrin [2]	4.85

BREAKDOWN REPORT

Lab Sample ID:	S001008-PEM1	Analyzed:	09/01/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	3.65

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.87
Endrin [2]	4.78

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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.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
H-03	Sample received after recommended holding time was exceeded.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
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.
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.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
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-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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.

con-test® ANALYTICAL LABORATORY
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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME

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CERTIFICATIONS

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

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CERTIFICATIONS

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Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH
Acenaphthylene	CT,NY,NH,ME,NC
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Anthracene	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
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
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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,ME,NC
Fluoranthene	CT,NY,NH
Fluorene	CT,NY,NH,ME,NC
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH,ME,NC
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH,ME,NC
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,ME,NC
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyrene	CT,NY,NH,ME,NC
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	CT,NY,NH

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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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H1099

Page 1 of 2

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF & JR.

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOC 8260	SVOC 8270	RCRA 8 METALS	PCB's 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/PH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
								3	1G2	2	2	2	2	2	2	2	2	2	2	2	2
								M/D	-	-	-	-	-	-	-	-	-	-	-	-	-
								V	A	A	A	A	A	A	A	A	A	A	A	A	AG
-01	STKP A2 5	8/25	9:50	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP B3 10	8/25	10:15	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP B3 11	8/25	11:40	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-04	STKP B3 12	8/25	12:20	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-05	STKP B3 13	8/25	12:45	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-06	STKP CT 3	8/25	13:00	✓		S						✓									
-07	STKP CT 2	8/25	13:15	✓		S						✓									
-08	STKP CT 1	8/25	13:30	✓		S						✓									
-09	STKP B3 14	8/25	14:30	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-10	STKP B3 15	8/25	14:50	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
08-26-11 21:09 IN

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

	Date/Time:
Relinquished by: (signature) Jason C. Fiore	8/26 0925
Received by: (signature)	Date/Time: 8/26/11 0925
Relinquished by: (signature)	Date/Time: 8/26/11 2110
Received by: (signature)	Date/Time: 8/27/11 0710

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

CHAIN OF CUSTODY RECORD

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Page 2 of 2

11H1099

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA.
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF & JR

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓EMAIL ✓WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓PDF ✓EXCEL ○GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOC 8260	SVOC 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/E.P. CORROSIVITY/pH	CYANIDE & REACTIVE SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
								3	N/P	V	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
11	STKP B3 16	8/25	15:10	✓	VOC	S	4	2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	A											
								2	-	AG.											

ANALYSIS REQUESTED

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_____

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

Comments:
08-26-11 21:09 IN

	Date/Time:
Relinquished by: (signature)	8/26 0708
Received by: (signature)	8-26-11 0945
Relinquished by: (signature)	8-26-11 2110
Received by: (signature)	8/26/11 2110

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
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East Longmeadow, MA. 01028
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: CEC DATE: 8/26/11

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

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 _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) 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	19
500 mL Amber			4 oz amber/clear jar	8
250 mL Amber (8oz amber)			2 oz amber/clear jar	
1 Liter Plastic			Air Cassette	
500 mL Plastic			Hg/Hopcalite Tube	
250 mL plastic			Plastic Bag / Ziploc	
40 mL Vial - type listed below	24		PM 2.5 / PM 10	
Colisure / bacteria bottle			PUF Cartridge	
Dissolved Oxygen bottle			SOC Kit	
Encore			TO-17 Tubes	
Flashpoint bottle			Non-ConTest Container	
Perchlorate Kit			Other glass jar	
Other			Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 8
Bisulfate _____ # DI Water 16
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-26-11 21:09 IN

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

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

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

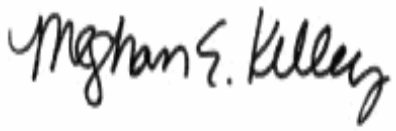
September 2, 2011

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

Project Location: NBHS - New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11I0002

Enclosed are results of analyses for samples received by the laboratory on September 1, 2011. 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: 9/2/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I0002

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

PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP A2 5	11I0002-01	Soil		SW-846 1311	
				SW-846 6010C	
STKP B3 14	11I0002-02	Soil		SW-846 1311	
				SW-846 6010C	
STKP B3 15	11I0002-03	Soil		SW-846 1311	
				SW-846 6010C	
STKP B3 16	11I0002-04	Soil		SW-846 1311	
				SW-846 6010C	

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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.

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

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0002

Date Received: 9/1/2011

Field Sample #: STKP A2 5 | Sampled: 8/25/2011 09:50

Sample ID: 11I0002-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	0.10	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 10:52	OP
Lead	2.9	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 10:52	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0002

Date Received: 9/1/2011

Field Sample #: STKP B3 14 | Sampled: 8/25/2011 14:30

Sample ID: 11I0002-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.53	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 10:57	OP

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0002

Date Received: 9/1/2011

Field Sample #: STKP B3 15 | Sampled: 8/25/2011 14:50

Sample ID: 11I0002-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.3	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 11:02	OP

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0002

Date Received: 9/1/2011

Field Sample #: STKP B3 16 | Sampled: 8/25/2011 15:10

Sample ID: 11I0002-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Barium	1.2	0.050	mg/L	1		SW-846 6010C	9/1/11	9/2/11 11:08	OP
Chromium	0.019	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 11:08	OP
Lead	4.7	0.010	mg/L	1		SW-846 6010C	9/1/11	9/2/11 11:08	OP

con-test® ANALYTICAL LABORATORY
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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 9/1/2011 per SW-846 1311 in Batch B036593**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0002-01 [STKP A2 5]	B036606	50.0	50.0	09/01/11
11I0002-02 [STKP B3 14]	B036606	50.0	50.0	09/01/11
11I0002-03 [STKP B3 15]	B036606	50.0	50.0	09/01/11
11I0002-04 [STKP B3 16]	B036606	50.0	50.0	09/01/11

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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 B036606 - SW-846 3010A										
Blank (B036606-BLK1)				Prepared: 09/01/11 Analyzed: 09/02/11						
Barium	ND	0.050	mg/L							
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
LCS (B036606-BS1)				Prepared: 09/01/11 Analyzed: 09/02/11						
Barium	0.473	0.050	mg/L	0.500		94.6	80-120			
Chromium	0.467	0.010	mg/L	0.500		93.4	80-120			
Lead	0.441	0.010	mg/L	0.500		88.3	80-120			
LCS Dup (B036606-BSD1)				Prepared: 09/01/11 Analyzed: 09/02/11						
Barium	0.495	0.050	mg/L	0.500		98.9	80-120	4.51	20	
Chromium	0.488	0.010	mg/L	0.500		97.7	80-120	4.50	20	
Lead	0.466	0.010	mg/L	0.500		93.2	80-120	5.38	20	

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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.

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 6010C in Water	
Barium	NY,CT,ME,NC,NH
Chromium	NY,CT,ME,NC,NH
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 2

1H1099 (1E)
1I1002

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF & JR.

Telephone: 978-970-5600
Project #: 115058
Client PO#: 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOC 8260	SVOC 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/FP. CORROSIVITY/pH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT 24 HOUR
								3	M/D	V	A	A	A	A	A	A	A	A	A	A	A
(1) -01	STKP A2 5-01	8/25	9:50	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP B3 10	8/25	10:15	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP B3 11	8/25	11:40	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-04	STKP B3 12	8/25	12:20	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
(2) -05	STKP B3 13	8/25	12:45	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-06	STKP CT 3	8/25	13:00	✓		S		2	-	A		✓									
-07	STKP CT 2	8/25	13:15	✓		S		2	-	A		✓									
-08	STKP CT 1	8/25	13:30	✓		S		2	-	A		✓									
(1) -09	STKP B3 14-02	8/25	14:30	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
(1) -10	STKP B3 15-03	8/25	14:50	✓	VOC	S		2	-	A	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
08-26-11 21:09 IN (1) Reactivate per attached email. Rush TAT. MEL 8/1/11

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:
Jason C. Fiore	8/26 0745
Received by: (signature)	Date/Time:
[signature]	8-26-11 0900
Relinquished by: (signature)	Date/Time:
[signature]	8-26-11 2110
Received by: (signature)	Date/Time:
[signature]	8/27/11 0710

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

~~1111099~~ 11I0002

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA.
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF + JR

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

Telephone: 978·970·5600
Project #: 115058
Client PO#: 36222

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ☑ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER ________
○ "Enhanced Data Package"

								VOC 8260	SVOC 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/PH	REACTIVE CYANIDE + SULFIDE	TPH BY 8100 M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT + HOLD
# of Containers								3	2	2	2	2	2	2	2	2	2	2
** Preservation								M/D	-	-	-	-	-	-	-	-	-	-
***Container Code								V	A	A	A	A	A	A	A	A	A	AG
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											
⊗ \	STKP B3 16-04	8/25	15:10	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
08-26-11 21:09 IN

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

	Date/Time
Relinquished by: (signature) [signature]	8/26 0928
Received by: (signature) [signature]	8-26-11 0928
Relinquished by: (signature) [signature]	8-26-11 2110
Received by: (signature) [signature] E.d	8/26/11 2110

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ________

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, September 01, 2011 9:05 AM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US)
Subject: FW: Con-Test Analytical Laboratory Project: New Bedford, MA
Attachments: 11H1099.pdf

Meghan,

Based on the draft results, please proceed with the following TCLP analyses;

- STKP-A2-5 = TCLP chromium and lead
- STKP-B3-14 = TCLP lead
- STKP-B3-15 = TCLP lead
- STKP-B3-16 = TCLP barium, chromium and lead.

Please rush the turnaround for these results as much as possible.

Any update on the timing of a final 11H1099 report?

Thanks.

-Jeff

-----Original Message-----
From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Tuesday, August 30, 2011 5:43 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Attached is the draft report for work order 11H1099, please let me know if you have any questions.

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, August 30, 2011 3:28 PM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Thanks!

-----Original Message-----
From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Tuesday, August 30, 2011 3:23 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

I switched it over to PAH only. I let the lab know that these three samples are top priority. These three samples are currently running and I will know in about an hour whether they will finish today or tomorrow. I will send you an email once I hear from the lab.

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, August 30, 2011 2:51 PM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Yes, please report the PAHs only. Sorry for the confusion. Is there any outside chance that this will speed up the turnaround time???

-----Original Message-----
From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Tuesday, August 30, 2011 2:40 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Will do Jeff, I will send over a draft report later this afternoon. For those three samples on that work order, 8270 SVOC is checked off, do you only want PAHs reported?

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, August 30, 2011 2:31 PM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Meghan,

Please send along the draft data so we can determine any TCLP hold authorizations.

If at all possible, please prioritize the PAHs for samples STKP-CT-1,
STKP-CT-2 and STKP-CT-3. PAHs are the only requested analysis for these three samples and having those results would be most helpful.

Thanks.

-Jeff

-----Original Message-----
From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Tuesday, August 30, 2011 2:23 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Hi Jeff,

Sorry for the delay in getting back to you, I was waiting to hear back from the lab. Pesticides and SVOCs will not be completed today, I can send you a draft report of what is complete this afternoon if you would like. We are looking to have the SVOCs completed tomorrow and the pesticides either Thursday or Friday due to cleanups that need to be performed.

-Meghan

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, August 30, 2011 9:30 AM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Thanks.

How are we looking with report 11H1099?

-Jeff

-----Original Message-----
From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Tuesday, August 30, 2011 9:18 AM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Hi Jeff,

Yes, you are all set. Looks like Holly took care of this and the results are scheduled to be completed today.

-Meghan

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, August 30, 2011 9:17 AM
To: 'Meghan Kelley'
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Con-Test Analytical Laboratory Project: New Bedford, MA

Meghan,

Hold that thought...we authorized these four samples yesterday based on the draft data report so the results should be in the works for today.

Sorry for the confusion.

-Jeff

-----Original Message-----
From: Saunders, Jeffry (Lowell,MA-US)
Sent: Tuesday, August 30, 2011 9:09 AM

To: 'Meghan Kelley'
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: FW: Con-Test Analytical Laboratory Project: New Bedford, MA

Meghan,

Please proceed with the TCLP chromium and lead analyses for each of the four samples (STKP-A2-1 through STKP-A2-4) in the attached report. Please rush the results as much as possible.

Thanks.

-Jeff

-----Original Message-----
From: Con-Test Reports-Do Not Reply [mailto:reports@contestlabs.com]
Sent: Monday, August 29, 2011 6:15 PM
To: Sullivan, Dave (Lowell,MA-US)
Cc: Saunders, Jeffry (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: Con-Test Analytical Laboratory Project: New Bedford, MA

This is an automated email message from the Element DataSystem(r) LIMS at Con-Test Analytical Laboratory. If you have any questions about this email or if this email has been sent to you in error, please contact:

Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
413.525.2332 Phone
413.525.6405 Fax

Submitting Client: TRC Solutions - Lowell Project Name: New Bedford, MA

Stockpile B

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

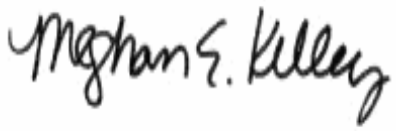
July 22, 2011

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

Project Location: City of New Bedford NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0372

Enclosed are results of analyses for samples received by the laboratory on July 14, 2011. 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: 7/22/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0372

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B-1	11G0372-01	Soil		SM 2540G	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-B-2	11G0372-02	Soil		SM 2540G	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-B-3	11G0372-03	Soil		SM 2540G	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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TRC Solutions - Lowell
650 Suffolk Street
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ATTN: David Sullivan

REPORT DATE: 7/22/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0372

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B-4	11G0372-04	Soil		SM 2540G	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
TB-02	11G0372-05	Soil		SM 2540G	
				SW-846 8260C	

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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 RCRA 8 metals and TCLP lead results were requested and reported.

SW-846 8081B

Qualifications:

Matrix spike recovery bias high due to PCB aroclors present in the source sample.

Analyte & Samples(s) Qualified:

4,4'-DDD, 4,4'-DDD [2C], 4,4'-DDE, 4,4'-DDT, 4,4'-DDT [2C], alpha-BHC, alpha-BHC [2C], delta-BHC, Dieldrin, Endosulfan II [2C], Heptachlor Epoxide, Heptachlor Epoxide [2C], Methoxychlor [2C]
B033711-MS1, B033711-MSD1

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

4,4'-DDD, 4,4'-DDD [2C], alpha-BHC, alpha-BHC [2C], delta-BHC, Heptachlor Epoxide [2C], Methoxychlor [2C]
11G0372-04[STKP-B-4], B033711-MS1, B033711-MSD1

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
11G0372-03[STKP-B-3]

Initial continuing calibration was within method criteria. Closing continuing calibration did not meet method criteria and was biased on the low side. Reanalysis yielded similar calibration non-conformance. Matrix interference is suspected.

Analyte & Samples(s) Qualified:

4,4'-DDT, 4,4'-DDT [2C]
11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], B033711-MS1, B033711-MSD1

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

trans-1,3-Dichloropropene
B033729-BS1, B033729-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:

1,1-Dichloroethylene
B033729-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:

Acetone
B033729-BS1, B033729-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, Chloromethane, Dichlorodifluoromethane (Freon 12), Naphthalene
11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], 11G0372-05[TB-02], B033729-BLK1, B033729-BS1, B033729-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

11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], 11G0372-05[TB-02], B033729-BLK1, B033729-BS1, B033729-BSD1

SW-846 8270D

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:

2,4-Dinitrophenol

B033709-BSD1

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

B033709-BS1

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:

Di-n-octylphthalate, Pyrene

11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], B033709-BLK1, B033709-BS1, B033709-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

B033709-BS1, B033709-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, 3,3-Dichlorobenzidine

11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], B033709-BLK1, B033709-BS1, B033709-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 2,4-Dinitrotoluene

B033709-BLK1, B033709-BS1, B033709-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:

Di-n-octylphthalate

11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4]

SW-846 9045C

Qualifications:

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Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11G0372-01[STKP-B-1], 11G0372-02[STKP-B-2], 11G0372-03[STKP-B-3], 11G0372-04[STKP-B-4], B033893-DUP1

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

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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Bromomethane	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Carbon Disulfide	ND	0.0053	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Carbon Tetrachloride	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Chlorodibromomethane	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Chloroethane	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Chloromethane	ND	0.0088	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2-Dibromoethane (EDB)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0088	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,3-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
cis-1,3-Dichloropropene	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
trans-1,3-Dichloropropene	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Diethyl Ether	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Diisopropyl Ether (DIPE)	ND	0.00088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,4-Dioxane	ND	0.088	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 10:49	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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

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 8260C	7/15/11	7/15/11 10:49	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
p-Isopropyltoluene (p-Cymene)	0.0029	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Methylene Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.00088	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Tetrahydrofuran	ND	0.0088	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1,1-Trichloroethane	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
Vinyl Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 10:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		7/15/11 10:49
Toluene-d8	98.8	70-130		7/15/11 10:49
4-Bromofluorobenzene	90.4	70-130		7/15/11 10:49

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

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 8270D	7/15/11	7/21/11 0:26	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Anthracene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Benzo(a)anthracene	0.79	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Benzo(a)pyrene	0.76	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Benzo(b)fluoranthene	0.92	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Benzo(g,h,i)perylene	0.35	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Benzo(k)fluoranthene	0.35	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Chrysene	0.88	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1	R-05, V-20	SW-846 8270D	7/15/11	7/21/11 0:26	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Fluoranthene	1.4	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Indeno(1,2,3-cd)pyrene	0.39	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Phenanthrene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
Pyrene	2.0	0.18	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/21/11 0:26	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:26	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	79.4	30-130		7/21/11 0:26
Phenol-d6	67.1	30-130		7/21/11 0:26
Nitrobenzene-d5	73.8	30-130		7/21/11 0:26
2-Fluorobiphenyl	71.8	30-130		7/21/11 0:26
2,4,6-Tribromophenol	116	30-130		7/21/11 0:26
Terphenyl-d14	99.1	30-130		7/21/11 0:26

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
alpha-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
beta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
delta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
4,4'-DDD [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
4,4'-DDE [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
4,4'-DDT [1]	ND	0.0043	mg/Kg dry	1	Z-01	SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Dieldrin [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Endosulfan I [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Endosulfan II [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Endosulfan sulfate [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Endrin [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Endrin ketone [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Heptachlor [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Heptachlor epoxide [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Hexachlorobenzene [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG
Methoxychlor [1]	ND	0.054	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 19:42	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	141	30-150		7/21/11 19:42
Decachlorobiphenyl [2]	104	30-150		7/21/11 19:42
Tetrachloro-m-xylene [1]	67.2	30-150		7/21/11 19:42
Tetrachloro-m-xylene [2]	74.9	30-150		7/21/11 19:42

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1254 [2]	5.5	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1260 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	10		SW-846 8082A	7/15/11	7/19/11 17:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.7	30-150		7/19/11 17:40
Decachlorobiphenyl [2]	122	30-150		7/19/11 17:40
Tetrachloro-m-xylene [1]	125	30-150		7/19/11 17:40
Tetrachloro-m-xylene [2]	150	30-150		7/19/11 17:40

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Barium	290	2.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Cadmium	0.85	0.27	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Chromium	23	0.54	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Lead	280	0.81	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Mercury	0.28	0.026	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 13:26	CWB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:31	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:40	VAK
pH @20°C	5.6		pH Units	1	H-03	SW-846 9045C	7/15/11	7/15/11 9:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/15/11	7/15/11 10:00	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	7/15/11	7/15/11 12:00	LL
% Solids	92.1		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-1

Sample ID: 11G0372-01 | Start Date/Time: 7/13/2011 1:10:00PM

Sample Matrix: Soil | Stop Date/Time: 7/13/2011 1:30:00PM

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.8	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 11:59	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Carbon Tetrachloride	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 11:15	MFF

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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
p-Isopropyltoluene (p-Cymene)	0.0032	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1,1-Trichloroethane	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Trichloroethylene	0.0036	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		7/15/11 11:15
Toluene-d8	100	70-130		7/15/11 11:15
4-Bromofluorobenzene	92.1	70-130		7/15/11 11:15

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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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

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 8270D	7/15/11	7/21/11 0:56	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Anthracene	0.31	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Benzo(a)anthracene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Benzo(a)pyrene	1.0	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Benzo(b)fluoranthene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Benzo(g,h,i)perylene	0.52	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Benzo(k)fluoranthene	0.50	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Chrysene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1	R-05, V-20	SW-846 8270D	7/15/11	7/21/11 0:56	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Fluoranthene	1.9	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Indeno(1,2,3-cd)pyrene	0.57	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

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	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Phenanthrene	1.5	0.18	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
Pyrene	2.7	0.18	mg/Kg dry	1	R-05	SW-846 8270D	7/15/11	7/21/11 0:56	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 0:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	86.9	30-130		7/21/11 0:56
Phenol-d6	76.0	30-130		7/21/11 0:56
Nitrobenzene-d5	86.2	30-130		7/21/11 0:56
2-Fluorobiphenyl	79.5	30-130		7/21/11 0:56
2,4,6-Tribromophenol	120	30-130		7/21/11 0:56
Terphenyl-d14	99.1	30-130		7/21/11 0:56

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
alpha-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
beta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
delta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
4,4'-DDD [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
4,4'-DDE [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
4,4'-DDT [1]	ND	0.0044	mg/Kg dry	1	Z-01	SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Dieldrin [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Endosulfan I [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Endosulfan II [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Endosulfan sulfate [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Endrin [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Endrin ketone [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Heptachlor [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Heptachlor epoxide [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Hexachlorobenzene [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG
Methoxychlor [1]	ND	0.055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:00	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	130	30-150		7/21/11 20:00
Decachlorobiphenyl [2]	100	30-150		7/21/11 20:00
Tetrachloro-m-xylene [1]	77.0	30-150		7/21/11 20:00
Tetrachloro-m-xylene [2]	71.4	30-150		7/21/11 20:00

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

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	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1254 [2]	3.7	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1260 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	5		SW-846 8082A	7/15/11	7/19/11 17:53	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	74.8	30-150		7/19/11 17:53
Decachlorobiphenyl [2]	94.5	30-150		7/19/11 17:53
Tetrachloro-m-xylene [1]	115	30-150		7/19/11 17:53
Tetrachloro-m-xylene [2]	138	30-150		7/19/11 17:53

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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 NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Barium	250	2.8	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Cadmium	0.89	0.28	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Chromium	26	0.56	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Lead	210	0.83	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Mercury	0.27	0.027	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 13:28	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:36	KSH

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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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:40	VAK
pH @19.4°C	5.5		pH Units	1	H-03	SW-846 9045C	7/15/11	7/15/11 9:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/15/11	7/15/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	7/15/11	7/15/11 12:00	LL
% Solids	91.6		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-2 Sampled: 7/13/2011 13:50

Sample ID: 11G0372-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.65	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 12:05	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Carbon Tetrachloride	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 11:40	MFF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1,1-Trichloroethane	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 11:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		7/15/11 11:40
Toluene-d8	99.6	70-130		7/15/11 11:40
4-Bromofluorobenzene	91.8	70-130		7/15/11 11:40

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Anthracene	3.2	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Benzo(a)anthracene	7.1	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Benzo(a)pyrene	5.5	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Benzo(b)fluoranthene	7.8	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Benzo(g,h,i)perylene	2.4	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Benzo(k)fluoranthene	2.6	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Chrysene	5.9	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Dibenz(a,h)anthracene	0.69	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1	R-05, V-20	SW-846 8270D	7/15/11	7/21/11 1:26	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Fluoranthene	10	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Fluorene	1.7	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Indeno(1,2,3-cd)pyrene	2.6	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	0.40	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Naphthalene	0.73	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Phenanthrene	12	0.96	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 12:44	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
Pyrene	13	0.96	mg/Kg dry	5	R-05	SW-846 8270D	7/15/11	7/21/11 12:44	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:26	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	49.6	30-130		7/21/11 1:26
Phenol-d6	46.0	30-130		7/21/11 1:26
Nitrobenzene-d5	46.6	30-130		7/21/11 1:26
2-Fluorobiphenyl	44.9	30-130		7/21/11 1:26
2,4,6-Tribromophenol	54.0	30-130		7/21/11 1:26
Terphenyl-d14	41.6	30-130		7/21/11 1:26

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
alpha-BHC [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
beta-BHC [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
delta-BHC [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
gamma-BHC (Lindane) [2]	ND	0.0023	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Chlordane [2]	ND	0.023	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
4,4'-DDD [2]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
4,4'-DDE [2]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
4,4'-DDT [2]	ND	0.0045	mg/Kg dry	1	Z-01	SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Dieldrin [2]	ND	0.0045	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Endosulfan I [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Endosulfan II [2]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Endosulfan sulfate [2]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Endrin [2]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Endrin ketone [2]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Heptachlor [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Heptachlor epoxide [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Hexachlorobenzene [2]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG
Methoxychlor [2]	ND	0.056	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	**177** *	30-150	S-12	7/21/11 20:18
Decachlorobiphenyl [2]	146	30-150		7/21/11 20:18
Tetrachloro-m-xylene [1]	64.0	30-150		7/21/11 20:18
Tetrachloro-m-xylene [2]	63.4	30-150		7/21/11 20:18

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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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

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	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1254 [2]	2.7	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	7/15/11	7/19/11 18:07	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.1	30-150		7/19/11 18:07
Decachlorobiphenyl [2]	113	30-150		7/19/11 18:07
Tetrachloro-m-xylene [1]	106	30-150		7/19/11 18:07
Tetrachloro-m-xylene [2]	124	30-150		7/19/11 18:07

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Barium	1500	2.8	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Cadmium	1.1	0.28	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Chromium	64	0.57	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Lead	400	0.85	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Mercury	0.32	0.027	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 13:29	CWB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:40	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:40	VAK
pH @19.8°C	6.4		pH Units	1	H-03	SW-846 9045C	7/15/11	7/15/11 9:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/15/11	7/15/11 10:00	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	7/15/11	7/15/11 12:00	LL
% Solids	88.5		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-3 Sampled: 7/13/2011 14:15

Sample ID: 11G0372-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.0	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 12:10	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Bromomethane	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Carbon Disulfide	ND	0.0054	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Carbon Tetrachloride	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Chlorodibromomethane	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Chloroethane	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Chloromethane	ND	0.0090	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2-Dibromoethane (EDB)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0090	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,3-Dichloropropane	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
cis-1,3-Dichloropropene	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
trans-1,3-Dichloropropene	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Diethyl Ether	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Diisopropyl Ether (DIPE)	ND	0.00090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,4-Dioxane	ND	0.090	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 12:06	MFF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

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 8260C	7/15/11	7/15/11 12:06	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Methylene Chloride	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.00090	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Tetrahydrofuran	ND	0.0090	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1,1-Trichloroethane	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
Vinyl Chloride	ND	0.0090	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		7/15/11 12:06
Toluene-d8	97.5	70-130		7/15/11 12:06
4-Bromofluorobenzene	88.0	70-130		7/15/11 12:06

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.72	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Anthracene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Benzo(a)anthracene	3.7	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Benzo(a)pyrene	3.0	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Benzo(b)fluoranthene	4.6	0.94	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 13:17	BGL
Benzo(g,h,i)perylene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Benzo(k)fluoranthene	1.6	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Chrysene	3.8	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Dibenz(a,h)anthracene	0.39	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Dibenzofuran	0.64	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-04	SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1	R-05, V-20	SW-846 8270D	7/15/11	7/21/11 1:56	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Fluoranthene	6.5	0.94	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 13:17	BGL
Fluorene	0.97	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Indeno(1,2,3-cd)pyrene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	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 NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

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 8270D	7/15/11	7/21/11 1:56	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Naphthalene	0.23	0.19	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Phenanthrene	8.7	0.94	mg/Kg dry	5		SW-846 8270D	7/15/11	7/21/11 13:17	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
Pyrene	7.8	0.94	mg/Kg dry	5	R-05	SW-846 8270D	7/15/11	7/21/11 13:17	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/15/11	7/21/11 1:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	80.3	30-130		7/21/11 1:56
Phenol-d6	74.3	30-130		7/21/11 1:56
Nitrobenzene-d5	72.5	30-130		7/21/11 1:56
2-Fluorobiphenyl	69.7	30-130		7/21/11 1:56
2,4,6-Tribromophenol	96.5	30-130		7/21/11 1:56
Terphenyl-d14	60.8	30-130		7/21/11 1:56

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
alpha-BHC [1]	ND	0.0055	mg/Kg dry	1	R-06	SW-846 8081B	7/15/11	7/21/11 20:36	PJG
beta-BHC [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
delta-BHC [1]	ND	0.0055	mg/Kg dry	1	R-06	SW-846 8081B	7/15/11	7/21/11 20:36	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
4,4'-DDD [1]	ND	0.0044	mg/Kg dry	1	R-06	SW-846 8081B	7/15/11	7/21/11 20:36	PJG
4,4'-DDE [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
4,4'-DDT [1]	ND	0.0044	mg/Kg dry	1	Z-01	SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Dieldrin [1]	ND	0.0044	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Endosulfan I [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Endosulfan II [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Endosulfan sulfate [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Endrin [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Endrin ketone [1]	ND	0.0088	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Heptachlor [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Heptachlor epoxide [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Hexachlorobenzene [1]	ND	0.0055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG
Methoxychlor [1]	ND	0.055	mg/Kg dry	1		SW-846 8081B	7/15/11	7/21/11 20:36	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		7/21/11 20:36
Decachlorobiphenyl [2]	94.8	30-150		7/21/11 20:36
Tetrachloro-m-xylene [1]	61.8	30-150		7/21/11 20:36
Tetrachloro-m-xylene [2]	61.7	30-150		7/21/11 20:36

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

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	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1254 [2]	1.8	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	7/15/11	7/19/11 18:20	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	63.0	30-150		7/19/11 18:20
Decachlorobiphenyl [2]	78.3	30-150		7/19/11 18:20
Tetrachloro-m-xylene [1]	102	30-150		7/19/11 18:20
Tetrachloro-m-xylene [2]	120	30-150		7/19/11 18:20

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Barium	900	2.7	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Cadmium	0.62	0.27	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Chromium	38	0.55	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Lead	550	0.82	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Mercury	0.25	0.027	mg/Kg dry	1		SW-846 7471B	7/18/11	7/18/11 13:31	CWB
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	7/15/11	7/18/11 19:45	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

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
Ignitability	Absent		present/absent	1		SW-846 1030	7/15/11	7/15/11 13:40	VAK
pH @20.4°C	6.2		pH Units	1	H-03	SW-846 9045C	7/15/11	7/15/11 9:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	7/15/11	7/15/11 10:00	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	7/15/11	7/15/11 12:00	LL
% Solids	90.6		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: STKP-B-4 Sampled: 7/13/2011 14:35

Sample ID: 11G0372-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.96	0.010	mg/L	1		SW-846 6010C	7/19/11	7/20/11 12:16	KSH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: TB-02 | Sampled: 7/14/2011 00:00

Sample ID: 11G0372-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Carbon Tetrachloride	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Chloromethane	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 12:31	MFF

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: TB-02 | Sampled: 7/14/2011 00:00

Sample ID: 11G0372-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1,1-Trichloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/15/11	7/15/11 12:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		7/15/11 12:31
Toluene-d8	99.4	70-130		7/15/11 12:31
4-Bromofluorobenzene	93.5	70-130		7/15/11 12:31

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0372

Date Received: 7/14/2011

Field Sample #: TB-02 Sampled: 7/14/2011 00:00

Sample ID: 11G0372-05

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
% Solids	92.6		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0372-01 [STKP-B-1]	B033766	07/15/11
11G0372-02 [STKP-B-2]	B033766	07/15/11
11G0372-03 [STKP-B-3]	B033766	07/15/11
11G0372-04 [STKP-B-4]	B033766	07/15/11
11G0372-05 [TB-02]	B033766	07/15/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033755	50.0	50.0	07/15/11
11G0372-02 [STKP-B-2]	B033755	50.0	50.0	07/15/11
11G0372-03 [STKP-B-3]	B033755	50.0	50.0	07/15/11
11G0372-04 [STKP-B-4]	B033755	50.0	50.0	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033719	1.01	50.0	07/15/11
11G0372-02 [STKP-B-2]	B033719	0.982	50.0	07/15/11
11G0372-03 [STKP-B-3]	B033719	0.992	50.0	07/15/11
11G0372-04 [STKP-B-4]	B033719	1.01	50.0	07/15/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 7/14/2011 per SW-846 1311 in Batch B033703**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033946	50.0	50.0	07/19/11
11G0372-02 [STKP-B-2]	B033946	50.0	50.0	07/19/11
11G0372-03 [STKP-B-3]	B033946	50.0	50.0	07/19/11
11G0372-04 [STKP-B-4]	B033946	50.0	50.0	07/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033780	0.615	50.0	07/18/11
11G0372-02 [STKP-B-2]	B033780	0.602	50.0	07/18/11
11G0372-03 [STKP-B-3]	B033780	0.617	50.0	07/18/11
11G0372-04 [STKP-B-4]	B033780	0.621	50.0	07/18/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033711	10.1	10.0	07/15/11
11G0372-02 [STKP-B-2]	B033711	10.0	10.0	07/15/11
11G0372-03 [STKP-B-3]	B033711	10.0	10.0	07/15/11
11G0372-04 [STKP-B-4]	B033711	10.0	10.0	07/15/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033712	10.1	50.0	07/15/11
11G0372-02 [STKP-B-2]	B033712	10.0	50.0	07/15/11
11G0372-03 [STKP-B-3]	B033712	10.0	50.0	07/15/11
11G0372-04 [STKP-B-4]	B033712	10.0	50.0	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033729	6.18	10.0	07/15/11
11G0372-02 [STKP-B-2]	B033729	4.52	10.0	07/15/11
11G0372-03 [STKP-B-3]	B033729	4.69	10.0	07/15/11
11G0372-04 [STKP-B-4]	B033729	6.10	10.0	07/15/11
11G0372-05 [TB-02]	B033729	5.00	10.0	07/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033709	30.0	1.00	07/15/11
11G0372-02 [STKP-B-2]	B033709	30.2	1.00	07/15/11
11G0372-03 [STKP-B-3]	B033709	30.1	1.00	07/15/11
11G0372-04 [STKP-B-4]	B033709	30.0	1.00	07/15/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033825	25.7	250	07/15/11
11G0372-02 [STKP-B-2]	B033825	25.5	250	07/15/11
11G0372-03 [STKP-B-3]	B033825	25.8	250	07/15/11
11G0372-04 [STKP-B-4]	B033825	25.8	250	07/15/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0372-01 [STKP-B-1]	B033827	25.7	250	07/15/11
11G0372-02 [STKP-B-2]	B033827	25.5	250	07/15/11
11G0372-03 [STKP-B-3]	B033827	25.8	250	07/15/11
11G0372-04 [STKP-B-4]	B033827	25.8	250	07/15/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11G0372-01 [STKP-B-1]	B033893	20.0	07/15/11
11G0372-02 [STKP-B-2]	B033893	20.0	07/15/11
11G0372-03 [STKP-B-3]	B033893	20.0	07/15/11
11G0372-04 [STKP-B-4]	B033893	20.0	07/15/11

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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 B033729 - SW-846 5035										
Blank (B033729-BLK1)				Prepared & Analyzed: 07/15/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	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	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	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	0.0020	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	0.0040	mg/Kg wet							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 B033729 - SW-846 5035											
Blank (B033729-BLK1)				Prepared & Analyzed: 07/15/11							
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							V-05	
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	0.0020	mg/Kg wet							V-05	
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0040	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	*0.0519*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0510*		mg/Kg wet	0.0500		102	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0527*		mg/Kg wet	0.0500		105	70-130				
LCS (B033729-BS1)				Prepared & Analyzed: 07/15/11							
Acetone	0.272	0.10	mg/Kg wet	0.200		136	40-160			L-14	†
tert-Amyl Methyl Ether (TAME)	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130				
Benzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
Bromobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromochloromethane	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Bromodichloromethane	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130				
Bromoform	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromomethane	0.0158	0.010	mg/Kg wet	0.0200		78.9	40-160				†
2-Butanone (MEK)	0.213	0.040	mg/Kg wet	0.200		107	40-160				†
n-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130				
sec-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130				
tert-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0187	0.0010	mg/Kg wet	0.0200		93.7	70-130				
Carbon Disulfide	0.0227	0.0060	mg/Kg wet	0.0200		114	70-130				
Carbon Tetrachloride	0.0247	0.0040	mg/Kg wet	0.0200		123	70-130				
Chlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Chlorodibromomethane	0.0248	0.0010	mg/Kg wet	0.0200		124	70-130				
Chloroethane	0.0198	0.010	mg/Kg wet	0.0200		99.1	70-130				
Chloroform	0.0226	0.0040	mg/Kg wet	0.0200		113	70-130				
Chloromethane	0.0147	0.010	mg/Kg wet	0.0200		73.5	40-160			V-05	†
2-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
4-Chlorotoluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dibromoethane (EDB)	0.0225	0.0010	mg/Kg wet	0.0200		113	70-130				
Dibromomethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
1,2-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130				
1,3-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
1,4-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130				

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 B033729 - SW-846 5035												
LCS (B033729-BS1)				Prepared & Analyzed: 07/15/11								
Dichlorodifluoromethane (Freon 12)	0.0155	0.010	mg/Kg wet	0.0200		77.6		40-160			V-05	†
1,1-Dichloroethane	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
1,2-Dichloroethane	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130				
1,1-Dichloroethylene	0.0260	0.0040	mg/Kg wet	0.0200		130		70-130				
cis-1,2-Dichloroethylene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
trans-1,2-Dichloroethylene	0.0253	0.0020	mg/Kg wet	0.0200		126		70-130				
1,2-Dichloropropane	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130				
1,3-Dichloropropane	0.0210	0.0010	mg/Kg wet	0.0200		105		70-130				
2,2-Dichloropropane	0.0249	0.0020	mg/Kg wet	0.0200		124		70-130				
1,1-Dichloropropene	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130				
cis-1,3-Dichloropropene	0.0222	0.0010	mg/Kg wet	0.0200		111		70-130				
trans-1,3-Dichloropropene	0.0273	0.0010	mg/Kg wet	0.0200		**136**	*	70-130			L-02	
Diethyl Ether	0.0241	0.010	mg/Kg wet	0.0200		120		70-130				
Diisopropyl Ether (DIPE)	0.0220	0.0010	mg/Kg wet	0.0200		110		70-130				
1,4-Dioxane	0.185	0.10	mg/Kg wet	0.200		92.4		40-160			V-16	†
Ethylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
Hexachlorobutadiene	0.0196	0.0020	mg/Kg wet	0.0200		98.0		70-130				
2-Hexanone (MBK)	0.228	0.020	mg/Kg wet	0.200		114		40-160				†
Isopropylbenzene (Cumene)	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
p-Isopropyltoluene (p-Cymene)	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0207	0.0040	mg/Kg wet	0.0200		103		70-130				
Methylene Chloride	0.0224	0.010	mg/Kg wet	0.0200		112		70-130				
4-Methyl-2-pentanone (MIBK)	0.224	0.020	mg/Kg wet	0.200		112		40-160				†
Naphthalene	0.0165	0.0040	mg/Kg wet	0.0200		82.5		70-130			V-05	
n-Propylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Styrene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
1,1,1,2-Tetrachloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
1,1,2,2-Tetrachloroethane	0.0172	0.0010	mg/Kg wet	0.0200		86.2		70-130			V-05	
Tetrachloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130				
Tetrahydrofuran	0.0173	0.010	mg/Kg wet	0.0200		86.6		70-130			V-16	
Toluene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130				
1,2,3-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.4		70-130			V-05	
1,2,4-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.0		70-130				
1,1,1-Trichloroethane	0.0216	0.0040	mg/Kg wet	0.0200		108		70-130				
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Trichloroethylene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
Trichlorofluoromethane (Freon 11)	0.0193	0.010	mg/Kg wet	0.0200		96.3		70-130				
1,2,3-Trichloropropane	0.0169	0.0020	mg/Kg wet	0.0200		84.7		70-130				
1,2,4-Trimethylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5		70-130				
1,3,5-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Vinyl Chloride	0.0217	0.010	mg/Kg wet	0.0200		108		70-130				
m+p Xylene	0.0424	0.0040	mg/Kg wet	0.0400		106		70-130				
o-Xylene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0504*		mg/Kg wet	0.0500		101		70-130				
Surrogate: Toluene-d8	*0.0513*		mg/Kg wet	0.0500		103		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0526*		mg/Kg wet	0.0500		105		70-130				

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 B033729 - SW-846 5035												
LCS Dup (B033729-BSD1)				Prepared & Analyzed: 07/15/11								
Acetone	0.301	0.10	mg/Kg wet	0.200		150		40-160	9.91	20	L-14	†
tert-Amyl Methyl Ether (TAME)	0.0215	0.0010	mg/Kg wet	0.0200		108		70-130	4.36	20		
Benzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	1.42	20		
Bromobenzene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130	2.15	20		
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	0.394	20		
Bromodichloromethane	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130	2.15	20		
Bromoform	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	1.05	20		
Bromomethane	0.0178	0.010	mg/Kg wet	0.0200		89.2		40-160	12.3	20		†
2-Butanone (MEK)	0.223	0.040	mg/Kg wet	0.200		112		40-160	4.59	20		†
n-Butylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7		70-130	0.736	20		
sec-Butylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1		70-130	3.03	20		
tert-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.0		70-130	0.105	20		
tert-Butyl Ethyl Ether (TBEE)	0.0192	0.0010	mg/Kg wet	0.0200		95.8		70-130	2.22	20		
Carbon Disulfide	0.0228	0.0060	mg/Kg wet	0.0200		114		70-130	0.176	20		
Carbon Tetrachloride	0.0250	0.0040	mg/Kg wet	0.0200		125		70-130	1.29	20		
Chlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.1		70-130	2.29	20		
Chlorodibromomethane	0.0245	0.0010	mg/Kg wet	0.0200		123		70-130	1.14	20		
Chloroethane	0.0208	0.010	mg/Kg wet	0.0200		104		70-130	5.02	20		
Chloroform	0.0227	0.0040	mg/Kg wet	0.0200		114		70-130	0.530	20		
Chloromethane	0.0149	0.010	mg/Kg wet	0.0200		74.6		40-160	1.49	20	V-05	†
2-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130	0.188	20		
4-Chlorotoluene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	1.79	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0199	0.0020	mg/Kg wet	0.0200		99.5		70-130	2.38	20		
1,2-Dibromoethane (EDB)	0.0229	0.0010	mg/Kg wet	0.0200		114		70-130	1.41	20		
Dibromomethane	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	1.09	20		
1,2-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130	2.05	20		
1,3-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.3		70-130	1.79	20		
1,4-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.6		70-130	1.64	20		
Dichlorodifluoromethane (Freon 12)	0.0155	0.010	mg/Kg wet	0.0200		77.4		40-160	0.258	20	V-05	†
1,1-Dichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	1.45	20		
1,2-Dichloroethane	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130	1.62	20		
1,1-Dichloroethylene	0.0268	0.0040	mg/Kg wet	0.0200		**134**	*	70-130	3.10	20	L-07	
cis-1,2-Dichloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130	1.85	20		
trans-1,2-Dichloroethylene	0.0257	0.0020	mg/Kg wet	0.0200		128		70-130	1.49	20		
1,2-Dichloropropane	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130	0.693	20		
1,3-Dichloropropane	0.0220	0.0010	mg/Kg wet	0.0200		110		70-130	4.65	20		
2,2-Dichloropropane	0.0248	0.0020	mg/Kg wet	0.0200		124		70-130	0.402	20		
1,1-Dichloropropene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130	5.86	20		
cis-1,3-Dichloropropene	0.0222	0.0010	mg/Kg wet	0.0200		111		70-130	0.0901	20		
trans-1,3-Dichloropropene	0.0272	0.0010	mg/Kg wet	0.0200		**136**	*	70-130	0.514	20	L-02	
Diethyl Ether	0.0257	0.010	mg/Kg wet	0.0200		128		70-130	6.59	20		
Diisopropyl Ether (DIPE)	0.0223	0.0010	mg/Kg wet	0.0200		111		70-130	1.27	20		
1,4-Dioxane	0.183	0.10	mg/Kg wet	0.200		91.4		40-160	1.03	20	V-16	†
Ethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130	1.36	20		
Hexachlorobutadiene	0.0190	0.0020	mg/Kg wet	0.0200		94.9		70-130	3.21	20		
2-Hexanone (MBK)	0.241	0.020	mg/Kg wet	0.200		120		40-160	5.25	20		†
Isopropylbenzene (Cumene)	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130	1.72	20		
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130	0.705	20		
Methyl tert-Butyl Ether (MTBE)	0.0211	0.0040	mg/Kg wet	0.0200		106		70-130	2.11	20		
Methylene Chloride	0.0234	0.010	mg/Kg wet	0.0200		117		70-130	4.20	20		
4-Methyl-2-pentanone (MIBK)	0.233	0.020	mg/Kg wet	0.200		116		40-160	3.59	20		†
Naphthalene	0.0168	0.0040	mg/Kg wet	0.0200		84.2		70-130	2.04	20	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 B033729 - SW-846 5035										
LCS Dup (B033729-BSD1)				Prepared & Analyzed: 07/15/11						
n-Propylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	0.727	20	
Styrene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130	0.798	20	
1,1,1,2-Tetrachloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.914	20	
1,1,2,2-Tetrachloroethane	0.0174	0.0010	mg/Kg wet	0.0200		87.1	70-130	1.04	20	V-05
Tetrachloroethylene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	4.18	20	
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		88.9	70-130	2.62	20	V-16
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	1.93	20	
1,2,3-Trichlorobenzene	0.0172	0.0020	mg/Kg wet	0.0200		85.8	70-130	1.85	20	V-05
1,2,4-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130	1.02	20	
1,1,1-Trichloroethane	0.0218	0.0040	mg/Kg wet	0.0200		109	70-130	0.738	20	
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	0.00	20	
Trichloroethylene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	2.16	20	
Trichlorofluoromethane (Freon 11)	0.0204	0.010	mg/Kg wet	0.0200		102	70-130	5.55	20	
1,2,3-Trichloropropane	0.0174	0.0020	mg/Kg wet	0.0200		87.2	70-130	2.91	20	
1,2,4-Trimethylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130	0.957	20	
1,3,5-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	1.39	20	
Vinyl Chloride	0.0220	0.010	mg/Kg wet	0.0200		110	70-130	1.65	20	
m+p Xylene	0.0431	0.0040	mg/Kg wet	0.0400		108	70-130	1.73	20	
o-Xylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	0.00	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0508*		mg/Kg wet	0.0500		102	70-130			
Surrogate: Toluene-d8	*0.0517*		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0532*		mg/Kg wet	0.0500		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 B033709 - SW-846 3546										
Blank (B033709-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
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							V-04, V-06
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							V-06
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							R-05
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 B033709 - SW-846 3546											
Blank (B033709-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11							
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet							R-05	
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	*7.35*		mg/Kg wet	6.67		110	30-130				
Surrogate: Phenol-d6	*7.17*		mg/Kg wet	6.67		107	30-130				
Surrogate: Nitrobenzene-d5	*3.38*		mg/Kg wet	3.33		101	30-130				
Surrogate: 2-Fluorobiphenyl	*3.45*		mg/Kg wet	3.33		103	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.20*		mg/Kg wet	6.67		123	30-130				
Surrogate: Terphenyl-d14	*3.20*		mg/Kg wet	3.33		96.1	30-130				
LCS (B033709-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11							
Acenaphthene	1.54	0.17	mg/Kg wet	1.67		92.2	40-140				
Acenaphthylene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140				
Acetophenone	1.54	0.34	mg/Kg wet	1.67		92.2	40-140				
Aniline	0.790	0.34	mg/Kg wet	1.67		47.4	40-140				
Anthracene	1.56	0.17	mg/Kg wet	1.67		93.5	40-140				
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		89.9	40-140				
Benzo(a)pyrene	1.50	0.17	mg/Kg wet	1.67		90.3	40-140				
Benzo(b)fluoranthene	1.49	0.17	mg/Kg wet	1.67		89.6	40-140				
Benzo(g,h,i)perylene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140				
Benzo(k)fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.3	40-140				
Bis(2-chloroethoxy)methane	1.52	0.34	mg/Kg wet	1.67		91.2	40-140				
Bis(2-chloroethyl)ether	1.33	0.34	mg/Kg wet	1.67		79.5	40-140				
Bis(2-chloroisopropyl)ether	1.22	0.34	mg/Kg wet	1.67		73.1	40-140				
Bis(2-Ethylhexyl)phthalate	1.78	0.34	mg/Kg wet	1.67		107	40-140				
4-Bromophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.4	40-140				
Butylbenzylphthalate	1.76	0.66	mg/Kg wet	1.67		105	40-140				
4-Chloroaniline	0.656	0.66	mg/Kg wet	1.67		39.4	15-140			L-15	†
2-Chloronaphthalene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140				
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.7	30-130				
Chrysene	1.54	0.17	mg/Kg wet	1.67		92.6	40-140				
Dibenz(a,h)anthracene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140				
Dibenzofuran	1.59	0.34	mg/Kg wet	1.67		95.2	40-140				
Di-n-butylphthalate	1.62	0.34	mg/Kg wet	1.67		97.0	40-140				
1,2-Dichlorobenzene	1.40	0.34	mg/Kg wet	1.67		84.1	40-140				
1,3-Dichlorobenzene	1.43	0.34	mg/Kg wet	1.67		85.7	40-140				
1,4-Dichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.6	40-140				
3,3-Dichlorobenzidine	1.27	0.17	mg/Kg wet	1.67		76.2	40-140				
2,4-Dichlorophenol	1.58	0.34	mg/Kg wet	1.67		94.6	30-130				
Diethylphthalate	1.59	0.34	mg/Kg wet	1.67		95.6	40-140				
2,4-Dimethylphenol	1.60	0.34	mg/Kg wet	1.67		95.8	30-130				
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		92.0	40-140				
2,4-Dinitrophenol	1.90	0.66	mg/Kg wet	1.67		114	15-140			V-04, V-06	†
2,4-Dinitrotoluene	1.83	0.34	mg/Kg wet	1.67		110	40-140			V-06	
2,6-Dinitrotoluene	2.06	0.34	mg/Kg wet	1.67		124	40-140				
Di-n-octylphthalate	1.50	0.66	mg/Kg wet	1.67		90.2	40-140			R-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.36	0.34	mg/Kg wet	1.67		81.4	40-140				
Fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140				
Fluorene	1.66	0.17	mg/Kg wet	1.67		99.6	40-140				
Hexachlorobenzene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B033709 - SW-846 3546												
LCS (B033709-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11								
Hexachlorobutadiene	1.54	0.34	mg/Kg wet	1.67		92.2		40-140				
Hexachloroethane	1.38	0.34	mg/Kg wet	1.67		82.9		40-140				
Indeno(1,2,3-cd)pyrene	1.68	0.17	mg/Kg wet	1.67		101		40-140				
Isophorone	1.41	0.34	mg/Kg wet	1.67		84.4		40-140				
2-Methylnaphthalene	1.43	0.17	mg/Kg wet	1.67		85.8		40-140				
2-Methylphenol	0.716	0.34	mg/Kg wet	1.67		43.0		30-130				
3/4-Methylphenol	0.798	0.34	mg/Kg wet	1.67		47.9		30-130				
Naphthalene	1.46	0.17	mg/Kg wet	1.67		87.7		40-140				
Nitrobenzene	1.43	0.34	mg/Kg wet	1.67		85.6		40-140				
2-Nitrophenol	1.77	0.34	mg/Kg wet	1.67		106		30-130				
4-Nitrophenol	1.26	0.66	mg/Kg wet	1.67		75.8		15-140				†
Pentachlorophenol	1.75	0.34	mg/Kg wet	1.67		105		30-130				
Phenanthrene	1.53	0.17	mg/Kg wet	1.67		91.9		40-140				
Phenol	1.33	0.34	mg/Kg wet	1.67		80.1		15-140				†
Pyrene	1.52	0.17	mg/Kg wet	1.67		91.0		40-140			R-05	
1,2,4-Trichlorobenzene	1.50	0.34	mg/Kg wet	1.67		89.9		40-140				
2,4,5-Trichlorophenol	0.928	0.34	mg/Kg wet	1.67		55.7		30-130				
2,4,6-Trichlorophenol	1.77	0.34	mg/Kg wet	1.67		106		30-130				
Surrogate: 2-Fluorophenol	*6.31*		mg/Kg wet	6.67		94.6		30-130				
Surrogate: Phenol-d6	*5.76*		mg/Kg wet	6.67		86.4		30-130				
Surrogate: Nitrobenzene-d5	*3.28*		mg/Kg wet	3.33		98.5		30-130				
Surrogate: 2-Fluorobiphenyl	*3.43*		mg/Kg wet	3.33		103		30-130				
Surrogate: 2,4,6-Tribromophenol	*9.73*		mg/Kg wet	6.67		**146**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*3.64*		mg/Kg wet	3.33		109		30-130				
LCS Dup (B033709-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11								
Acenaphthene	1.45	0.17	mg/Kg wet	1.67		86.7		40-140	6.12	30		
Acenaphthylene	1.42	0.17	mg/Kg wet	1.67		85.1		40-140	5.89	30		
Acetophenone	1.53	0.34	mg/Kg wet	1.67		92.0		40-140	0.152	30		
Aniline	0.796	0.34	mg/Kg wet	1.67		47.7		40-140	0.673	30		
Anthracene	1.48	0.17	mg/Kg wet	1.67		88.8		40-140	5.20	30		
Benzo(a)anthracene	1.44	0.17	mg/Kg wet	1.67		86.4		40-140	4.02	30		
Benzo(a)pyrene	1.46	0.17	mg/Kg wet	1.67		87.7		40-140	2.97	30		
Benzo(b)fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.0		40-140	4.75	30		
Benzo(g,h,i)perylene	1.22	0.17	mg/Kg wet	1.67		73.2		40-140	10.8	30		
Benzo(k)fluoranthene	1.53	0.17	mg/Kg wet	1.67		91.8		40-140	1.71	30		
Bis(2-chloroethoxy)methane	1.44	0.34	mg/Kg wet	1.67		86.5		40-140	5.38	30		
Bis(2-chloroethyl)ether	1.28	0.34	mg/Kg wet	1.67		76.7		40-140	3.66	30		
Bis(2-chloroisopropyl)ether	1.18	0.34	mg/Kg wet	1.67		70.9		40-140	3.08	30		
Bis(2-Ethylhexyl)phthalate	1.63	0.34	mg/Kg wet	1.67		97.6		40-140	9.00	30		
4-Bromophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.9		40-140	5.03	30		
Butylbenzylphthalate	1.58	0.66	mg/Kg wet	1.67		94.6		40-140	10.9	30		
4-Chloroaniline	0.705	0.66	mg/Kg wet	1.67		42.3		15-140	7.15	30		†
2-Chloronaphthalene	1.23	0.34	mg/Kg wet	1.67		73.9		40-140	12.0	30		
2-Chlorophenol	1.42	0.34	mg/Kg wet	1.67		85.1		30-130	2.92	30		
Chrysene	1.47	0.17	mg/Kg wet	1.67		88.2		40-140	4.80	30		
Dibenz(a,h)anthracene	1.28	0.17	mg/Kg wet	1.67		76.6		40-140	11.4	30		
Dibenzofuran	1.56	0.34	mg/Kg wet	1.67		93.8		40-140	1.57	30		
Di-n-butylphthalate	1.51	0.34	mg/Kg wet	1.67		90.8		40-140	6.62	30		
1,2-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.5		40-140	3.11	30		
1,3-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.9		40-140	4.54	30		
1,4-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.7		40-140	3.46	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 B033709 - SW-846 3546													
LCS Dup (B033709-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11									
3,3-Dichlorobenzidine	1.02	0.17	mg/Kg wet	1.67		60.9		40-140	22.3		30		
2,4-Dichlorophenol	1.62	0.34	mg/Kg wet	1.67		97.4		30-130	2.92		30		
Diethylphthalate	1.76	0.34	mg/Kg wet	1.67		106		40-140	9.90		30		
2,4-Dimethylphenol	1.56	0.34	mg/Kg wet	1.67		93.8		30-130	2.11		30		
Dimethylphthalate	1.60	0.66	mg/Kg wet	1.67		96.3		40-140	4.57		30		
2,4-Dinitrophenol	2.38	0.66	mg/Kg wet	1.67		**143**	*	15-140	22.5		30	L-07, V-04, V-06	†
2,4-Dinitrotoluene	1.92	0.34	mg/Kg wet	1.67		115		40-140	4.95		30	V-06	
2,6-Dinitrotoluene	2.20	0.34	mg/Kg wet	1.67		132		40-140	6.36		30		
Di-n-octylphthalate	2.10	0.66	mg/Kg wet	1.67		126		40-140	**33.2**	*	30	R-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.30	0.34	mg/Kg wet	1.67		77.9		40-140	4.37		30		
Fluoranthene	1.51	0.17	mg/Kg wet	1.67		90.4		40-140	3.24		30		
Fluorene	1.68	0.17	mg/Kg wet	1.67		101		40-140	1.47		30		
Hexachlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.2		40-140	4.40		30		
Hexachlorobutadiene	1.36	0.34	mg/Kg wet	1.67		81.9		40-140	11.8		30		
Hexachloroethane	1.29	0.34	mg/Kg wet	1.67		77.3		40-140	6.99		30		
Indeno(1,2,3-cd)pyrene	1.50	0.17	mg/Kg wet	1.67		90.3		40-140	11.0		30		
Isophorone	1.33	0.34	mg/Kg wet	1.67		79.8		40-140	5.58		30		
2-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.3		40-140	1.69		30		
2-Methylphenol	0.704	0.34	mg/Kg wet	1.67		42.3		30-130	1.69		30		
3/4-Methylphenol	0.832	0.34	mg/Kg wet	1.67		49.9		30-130	4.13		30		
Naphthalene	1.39	0.17	mg/Kg wet	1.67		83.3		40-140	5.17		30		
Nitrobenzene	1.35	0.34	mg/Kg wet	1.67		80.9		40-140	5.69		30		
2-Nitrophenol	1.74	0.34	mg/Kg wet	1.67		104		30-130	1.83		30		
4-Nitrophenol	1.56	0.66	mg/Kg wet	1.67		93.9		15-140	21.4		30		†
Pentachlorophenol	1.72	0.34	mg/Kg wet	1.67		103		30-130	1.50		30		
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.8		40-140	4.52		30		
Phenol	1.40	0.34	mg/Kg wet	1.67		84.0		15-140	4.78		30		†
Pyrene	1.06	0.17	mg/Kg wet	1.67		63.9		40-140	**35.1**	*	30	R-05	
1,2,4-Trichlorobenzene	1.42	0.34	mg/Kg wet	1.67		84.9		40-140	5.65		30		
2,4,5-Trichlorophenol	0.905	0.34	mg/Kg wet	1.67		54.3		30-130	2.51		30		
2,4,6-Trichlorophenol	1.68	0.34	mg/Kg wet	1.67		101		30-130	5.22		30		
Surrogate: 2-Fluorophenol	*5.84*		mg/Kg wet	6.67		87.5		30-130					
Surrogate: Phenol-d6	*5.60*		mg/Kg wet	6.67		84.0		30-130					
Surrogate: Nitrobenzene-d5	*2.91*		mg/Kg wet	3.33		87.4		30-130					
Surrogate: 2-Fluorobiphenyl	*2.81*		mg/Kg wet	3.33		84.4		30-130					
Surrogate: 2,4,6-Tribromophenol	*9.95*		mg/Kg wet	6.67		**149**	*	30-130				S-07	
Surrogate: Terphenyl-d14	*2.47*		mg/Kg wet	3.33		74.2		30-130					

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033711 - SW-846 3546										
Blank (B033711-BLK1)				Prepared: 07/15/11 Analyzed: 07/19/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.224*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg wet	0.200		90.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.4	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033711 - SW-846 3546										
LCS (B033711-BS1)				Prepared: 07/15/11 Analyzed: 07/19/11						
Aldrin	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
Aldrin [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
alpha-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
beta-BHC	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
beta-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		98.3	40-140			
delta-BHC	0.020	0.0050	mg/Kg wet	0.0200		102	40-140			
delta-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		108	40-140			
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		108	40-140			
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
4,4'-DDD [2C]	0.021	0.0040	mg/Kg wet	0.0200		105	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
4,4'-DDE [2C]	0.021	0.0040	mg/Kg wet	0.0200		107	40-140			
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		106	40-140			
4,4'-DDT [2C]	0.020	0.0040	mg/Kg wet	0.0200		100	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
Dieldrin [2C]	0.021	0.0040	mg/Kg wet	0.0200		107	40-140			
Endosulfan I	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
Endosulfan I [2C]	0.021	0.0050	mg/Kg wet	0.0200		105	40-140			
Endosulfan II	0.023	0.0080	mg/Kg wet	0.0200		113	40-140			
Endosulfan II [2C]	0.021	0.0080	mg/Kg wet	0.0200		106	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		112	40-140			
Endosulfan Sulfate [2C]	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endrin	0.023	0.0080	mg/Kg wet	0.0200		115	40-140			
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin Ketone	0.023	0.0080	mg/Kg wet	0.0200		115	40-140			
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Heptachlor	0.021	0.0050	mg/Kg wet	0.0200		104	40-140			
Heptachlor [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
Heptachlor Epoxide	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Heptachlor Epoxide [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
Hexachlorobenzene	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
Hexachlorobenzene [2C]	0.019	0.0050	mg/Kg wet	0.0200		94.1	40-140			
Methoxychlor	0.026	0.050	mg/Kg wet	0.0200		129	40-140			
Methoxychlor [2C]	0.023	0.050	mg/Kg wet	0.0200		115	40-140			
Surrogate: Decachlorobiphenyl	*0.227*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg wet	0.200		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.4	30-150			
LCS Dup (B033711-BSD1)				Prepared: 07/15/11 Analyzed: 07/19/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	5.08	30	
Aldrin [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	5.15	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		114	40-140	6.18	30	
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	5.26	30	
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	5.98	30	
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	7.93	30	
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	4.49	30	
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	5.41	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		114	40-140	5.72	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		114	40-140	5.36	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B033711 - SW-846 3546											
LCS Dup (B033711-BSD1)				Prepared: 07/15/11 Analyzed: 07/19/11							
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		120		40-140	7.13	30	
4,4'-DDD [2C]	0.022	0.0040	mg/Kg wet	0.0200		110		40-140	4.62	30	
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		116		40-140	4.12	30	
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		112		40-140	5.10	30	
4,4'-DDT	0.022	0.0040	mg/Kg wet	0.0200		111		40-140	5.11	30	
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		105		40-140	4.44	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		113		40-140	4.07	30	
Dieldrin [2C]	0.022	0.0040	mg/Kg wet	0.0200		112		40-140	4.86	30	
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		110		40-140	4.17	30	
Endosulfan I [2C]	0.022	0.0050	mg/Kg wet	0.0200		110		40-140	5.19	30	
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		119		40-140	5.07	30	
Endosulfan II [2C]	0.022	0.0080	mg/Kg wet	0.0200		111		40-140	4.65	30	
Endosulfan Sulfate	0.023	0.0080	mg/Kg wet	0.0200		117		40-140	3.81	30	
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		109		40-140	4.69	30	
Endrin	0.024	0.0080	mg/Kg wet	0.0200		121		40-140	4.56	30	
Endrin [2C]	0.023	0.0080	mg/Kg wet	0.0200		115		40-140	4.39	30	
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		119		40-140	3.85	30	
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		110		40-140	4.67	30	
Heptachlor	0.022	0.0050	mg/Kg wet	0.0200		111		40-140	6.06	30	
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		113		40-140	5.62	30	
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		113		40-140	4.52	30	
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		112		40-140	5.11	30	
Hexachlorobenzene	0.022	0.0050	mg/Kg wet	0.0200		110		40-140	6.44	30	
Hexachlorobenzene [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.4		40-140	5.51	30	
Methoxychlor	0.027	0.050	mg/Kg wet	0.0200		133		40-140	3.26	30	
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		119		40-140	4.06	30	
Surrogate: Decachlorobiphenyl	*0.235*		mg/Kg wet	0.200		117		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.190*		mg/Kg wet	0.200		95.2		30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		92.0		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.5		30-150			
Matrix Spike (B033711-MS1)		**Source: 11G0372-04**		Prepared: 07/15/11 Analyzed: 07/21/11							
Aldrin	0.011	0.0055	mg/Kg dry	0.0221	ND	49.1		30-150			
Aldrin [2C]	0.015	0.0055	mg/Kg dry	0.0221	ND	68.6		30-150			
alpha-BHC	0.043	0.0055	mg/Kg dry	0.0221	ND	**196**	*	30-150			MS-25, R-06
alpha-BHC [2C]	0.051	0.0055	mg/Kg dry	0.0221	ND	**230**	*	30-150			MS-25, R-06
beta-BHC	0.014	0.0055	mg/Kg dry	0.0221	ND	65.6		30-150			
beta-BHC [2C]	0.016	0.0055	mg/Kg dry	0.0221	ND	70.8		30-150			
delta-BHC	0.039	0.0055	mg/Kg dry	0.0221	ND	**178**	*	30-150			R-06, MS-25
delta-BHC [2C]	0.014	0.0055	mg/Kg dry	0.0221	ND	65.1		30-150			
gamma-BHC (Lindane)	0.019	0.0022	mg/Kg dry	0.0221	ND	85.2		30-150			
gamma-BHC (Lindane) [2C]	0.019	0.0022	mg/Kg dry	0.0221	ND	86.3		30-150			
4,4'-DDD	0.043	0.0044	mg/Kg dry	0.0221	ND	**197**	*	30-150			MS-25, R-06
4,4'-DDD [2C]	0.034	0.0044	mg/Kg dry	0.0221	ND	**152**	*	30-150			MS-25, R-06
4,4'-DDE	0.043	0.0044	mg/Kg dry	0.0221	ND	**193**	*	30-150			MS-25
4,4'-DDE [2C]	0.0087	0.0044	mg/Kg dry	0.0221	ND	39.3		30-150			
4,4'-DDT	0.037	0.0044	mg/Kg dry	0.0221	ND	**169**	*	30-150			MS-25, Z-01
4,4'-DDT [2C]	0.077	0.0044	mg/Kg dry	0.0221	ND	**350**	*	30-150			MS-25, Z-01
Dieldrin	0.048	0.0044	mg/Kg dry	0.0221	ND	**218**	*	30-150			MS-25
Dieldrin [2C]	0.016	0.0044	mg/Kg dry	0.0221	ND	70.4		30-150			
Endosulfan I	0.0097	0.0055	mg/Kg dry	0.0221	ND	43.9		30-150			
Endosulfan I [2C]	0.023	0.0055	mg/Kg dry	0.0221	ND	106		30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B033711 - SW-846 3546												
Matrix Spike (B033711-MS1)	**Source: 11G0372-04**			Prepared: 07/15/11 Analyzed: 07/21/11								
Endosulfan II	0.019	0.0088	mg/Kg dry	0.0221	ND	84.5		30-150				
Endosulfan II [2C]	0.048	0.0088	mg/Kg dry	0.0221	ND	**219**	*	30-150				MS-25
Endosulfan Sulfate	0.017	0.0088	mg/Kg dry	0.0221	ND	76.1		30-150				
Endosulfan Sulfate [2C]	0.024	0.0088	mg/Kg dry	0.0221	ND	109		30-150				
Endrin	0.014	0.0088	mg/Kg dry	0.0221	ND	62.8		30-150				
Endrin [2C]	0.029	0.0088	mg/Kg dry	0.0221	ND	130		30-150				
Endrin Ketone	0.022	0.0088	mg/Kg dry	0.0221	ND	101		30-150				
Endrin Ketone [2C]	0.012	0.0088	mg/Kg dry	0.0221	ND	53.8		30-150				
Heptachlor	0.019	0.0055	mg/Kg dry	0.0221	ND	85.9		30-150				
Heptachlor [2C]	0.020	0.0055	mg/Kg dry	0.0221	ND	91.8		30-150				
Heptachlor Epoxide	0.048	0.0055	mg/Kg dry	0.0221	ND	**215**	*	30-150				MS-25
Heptachlor Epoxide [2C]	0.12	0.0055	mg/Kg dry	0.0221	ND	**531**	*	30-150				MS-25, R-06
Hexachlorobenzene	0.015	0.0055	mg/Kg dry	0.0221	ND	67.8		30-150				
Hexachlorobenzene [2C]	0.014	0.0055	mg/Kg dry	0.0221	ND	65.6		30-150				
Methoxychlor	0.017	0.055	mg/Kg dry	0.0221	ND	76.6		30-150				
Methoxychlor [2C]	0.061	0.055	mg/Kg dry	0.0221	ND	**277**	*	30-150				MS-25, R-06
Surrogate: Decachlorobiphenyl	*0.270*		mg/Kg dry	0.221		122		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg dry	0.221		86.7		30-150				
Surrogate: Tetrachloro-m-xylene	*0.158*		mg/Kg dry	0.221		71.5		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.151*		mg/Kg dry	0.221		68.5		30-150				
Matrix Spike Dup (B033711-MSD1)	**Source: 11G0372-04**			Prepared: 07/15/11 Analyzed: 07/21/11								
Aldrin	0.014	0.0055	mg/Kg dry	0.0221	ND	61.7		30-150	22.8		30	
Aldrin [2C]	0.019	0.0055	mg/Kg dry	0.0221	ND	86.0		30-150	22.6		30	
alpha-BHC	0.018	0.0055	mg/Kg dry	0.0221	ND	79.7		30-150	**84.4**	*	30	R-06
alpha-BHC [2C]	0.015	0.0055	mg/Kg dry	0.0221	ND	67.7		30-150	**109**	*	30	R-06
beta-BHC	0.013	0.0055	mg/Kg dry	0.0221	ND	58.6		30-150	11.3		30	
beta-BHC [2C]	0.017	0.0055	mg/Kg dry	0.0221	ND	75.8		30-150	6.85		30	
delta-BHC	0.020	0.0055	mg/Kg dry	0.0221	ND	88.7		30-150	**67.0**	*	30	R-06
delta-BHC [2C]	0.015	0.0055	mg/Kg dry	0.0221	ND	68.2		30-150	4.61		30	
gamma-BHC (Lindane)	0.020	0.0022	mg/Kg dry	0.0221	ND	91.0		30-150	6.54		30	
gamma-BHC (Lindane) [2C]	0.023	0.0022	mg/Kg dry	0.0221	ND	106		30-150	20.2		30	
4,4'-DDD	0.071	0.0044	mg/Kg dry	0.0221	ND	**320**	*	30-150	**47.8**	*	30	MS-25, R-06
4,4'-DDD [2C]	0.062	0.0044	mg/Kg dry	0.0221	ND	**282**	*	30-150	**59.8**	*	30	MS-25, R-06
4,4'-DDE	0.044	0.0044	mg/Kg dry	0.0221	ND	**199**	*	30-150	2.86		30	MS-25
4,4'-DDE [2C]	0.011	0.0044	mg/Kg dry	0.0221	ND	52.0		30-150	27.8		30	
4,4'-DDT	0.040	0.0044	mg/Kg dry	0.0221	ND	**181**	*	30-150	6.75		30	MS-25, Z-01
4,4'-DDT [2C]	0.081	0.0044	mg/Kg dry	0.0221	ND	**368**	*	30-150	5.03		30	MS-25, Z-01
Dieldrin	0.047	0.0044	mg/Kg dry	0.0221	ND	**214**	*	30-150	1.89		30	MS-25
Dieldrin [2C]	0.015	0.0044	mg/Kg dry	0.0221	ND	68.1		30-150	3.43		30	
Endosulfan I	0.012	0.0055	mg/Kg dry	0.0221	ND	52.4		30-150	17.6		30	
Endosulfan I [2C]	0.020	0.0055	mg/Kg dry	0.0221	ND	91.2		30-150	14.7		30	
Endosulfan II	0.024	0.0088	mg/Kg dry	0.0221	ND	108		30-150	24.2		30	
Endosulfan II [2C]	0.045	0.0088	mg/Kg dry	0.0221	ND	**206**	*	30-150	6.34		30	MS-25
Endosulfan Sulfate	0.020	0.0088	mg/Kg dry	0.0221	ND	91.4		30-150	18.2		30	
Endosulfan Sulfate [2C]	0.026	0.0088	mg/Kg dry	0.0221	ND	116		30-150	6.22		30	
Endrin	0.012	0.0088	mg/Kg dry	0.0221	ND	55.9		30-150	11.6		30	
Endrin [2C]	0.028	0.0088	mg/Kg dry	0.0221	ND	127		30-150	1.73		30	
Endrin Ketone	0.026	0.0088	mg/Kg dry	0.0221	ND	118		30-150	15.5		30	
Endrin Ketone [2C]	0.012	0.0088	mg/Kg dry	0.0221	ND	54.9		30-150	2.08		30	
Heptachlor	0.018	0.0055	mg/Kg dry	0.0221	ND	81.3		30-150	5.60		30	
Heptachlor [2C]	0.020	0.0055	mg/Kg dry	0.0221	ND	88.9		30-150	3.24		30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B033711 - SW-846 3546												
Matrix Spike Dup (B033711-MSD1)	**Source: 11G0372-04**			Prepared: 07/15/11 Analyzed: 07/21/11								
Heptachlor Epoxide	0.035	0.0055	mg/Kg dry	0.0221	ND	**161**	*	30-150	29.1		30	MS-25
Heptachlor Epoxide [2C]	0.060	0.0055	mg/Kg dry	0.0221	ND	**273**	*	30-150	**64.1**	*	30	MS-25, R-06
Hexachlorobenzene	0.014	0.0055	mg/Kg dry	0.0221	ND	64.9		30-150	4.29		30	
Hexachlorobenzene [2C]	0.016	0.0055	mg/Kg dry	0.0221	ND	73.8		30-150	11.7		30	
Methoxychlor	0.017	0.055	mg/Kg dry	0.0221	ND	78.5		30-150	2.45		30	
Methoxychlor [2C]	0.089	0.055	mg/Kg dry	0.0221	ND	**403**	*	30-150	**37.1**	*	30	MS-25, R-06
Surrogate: Decachlorobiphenyl	*0.309*		mg/Kg dry	0.221		140		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.221*		mg/Kg dry	0.221		99.9		30-150				
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg dry	0.221		77.1		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.161*		mg/Kg dry	0.221		72.8		30-150				

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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 B033712 - SW-846 3546										
Blank (B033712-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
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	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.217*		mg/Kg wet	0.200		109	30-150			
LCS (B033712-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.0	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		93.4	40-140			
Surrogate: Decachlorobiphenyl	*0.160*		mg/Kg wet	0.200		79.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.159*		mg/Kg wet	0.200		79.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.221*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.231*		mg/Kg wet	0.200		115	30-150			
LCS Dup (B033712-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140	2.51	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140	1.40	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		98.1	40-140	2.25	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		97.6	40-140	4.39	30	
Surrogate: Decachlorobiphenyl	*0.157*		mg/Kg wet	0.200		78.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.160*		mg/Kg wet	0.200		79.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.228*		mg/Kg wet	0.200		114	30-150			

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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 B033719 - SW-846 3050B										
Blank (B033719-BLK1)				Prepared: 07/15/11 Analyzed: 07/18/11						
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 (B033719-BS1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Arsenic	93.8	5.1	mg/Kg wet	92.6		101	83.2-117.4			
Barium	179	5.1	mg/Kg wet	169		106	83.1-116.9			
Cadmium	67.8	0.51	mg/Kg wet	61.8		110	80.7-119.1			
Chromium	74.2	1.0	mg/Kg wet	71.3		104	80.6-119.9			
Lead	92.1	1.5	mg/Kg wet	92.4		99.7	78.9-121.1			
Selenium	91.0	10	mg/Kg wet	89.5		102	79.2-120.3			
Silver	33.4	1.0	mg/Kg wet	34.4		97.0	66.3-133.7			
LCS (B033719-BS2)				Prepared: 07/15/11 Analyzed: 07/18/11						
Lead	0.706	0.75	mg/Kg wet	0.749		94.2	80-120			
LCS Dup (B033719-BSD1)				Prepared: 07/15/11 Analyzed: 07/18/11						
Arsenic	93.9	5.2	mg/Kg wet	92.6		101	83.2-117.4	0.128	30	
Barium	179	5.2	mg/Kg wet	169		106	83.1-116.9	0.146	30	
Cadmium	67.9	0.52	mg/Kg wet	61.8		110	80.7-119.1	0.122	30	
Chromium	74.8	1.0	mg/Kg wet	71.3		105	80.6-119.9	0.814	30	
Lead	90.1	1.5	mg/Kg wet	92.4		97.5	78.9-121.1	2.17	30	
Selenium	88.7	10	mg/Kg wet	89.5		99.1	79.2-120.3	2.59	30	
Silver	33.8	1.0	mg/Kg wet	34.4		98.3	66.3-133.7	1.28	30	
Batch B033780 - SW-846 7471										
Blank (B033780-BLK1)				Prepared & Analyzed: 07/18/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B033780-BS1)				Prepared & Analyzed: 07/18/11						
Mercury	1.11	0.095	mg/Kg wet	1.25		88.8	66-132			
LCS Dup (B033780-BSD1)				Prepared & Analyzed: 07/18/11						
Mercury	1.09	0.093	mg/Kg wet	1.25		86.8	66-132	2.24	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 B033766 - % Solids										
Duplicate (B033766-DUP2)	**Source: 11G0372-04**			Prepared: 07/15/11 Analyzed: 07/18/11						
% Solids	90.2		% Wt		90.6			0.442	20	
Batch B033825 - SW-846 9014										
Blank (B033825-BLK1)				Prepared & Analyzed: 07/15/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B033825-BS1)				Prepared & Analyzed: 07/15/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B033827 - SW-846 9030A										
Blank (B033827-BLK1)				Prepared & Analyzed: 07/15/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B033827-BS1)				Prepared & Analyzed: 07/15/11						
Reactive Sulfide	14	2.0	mg/Kg	15.2		92.1	0-200			
Batch B033893 - SW-846 9045C										
Duplicate (B033893-DUP1)	**Source: 11G0372-04**			Prepared & Analyzed: 07/15/11						
pH	6.2		pH Units		6.2			0.162	8.06	H-03

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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 B033946 - SW-846 3010A										
Blank (B033946-BLK1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Lead	ND	0.010	mg/L							
LCS (B033946-BS1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Lead	0.498	0.010	mg/L	0.500		99.5	80-120			
LCS Dup (B033946-BSD1)				Prepared: 07/19/11 Analyzed: 07/20/11						
Lead	0.496	0.010	mg/L	0.500		99.2	80-120	0.355	20	

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BREAKDOWN REPORT

Lab Sample ID:	S000861-PEM1	Analyzed:	07/19/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.41
Endrin [1]	1.54

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.26
Endrin [2]	2.13

BREAKDOWN REPORT

Lab Sample ID:	S000863-PEM1	Analyzed:	07/21/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	1.31

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	1.82

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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.
H-03	Sample received after recommended holding time was exceeded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high 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.
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.
MS-25	Matrix spike recovery bias high due to PCB aroclors present in the source sample.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
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-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.
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. Increased 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. Increased 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.
Z-01	Initial continuing calibration was within method criteria. Closing continuing calibration did not meet method criteria and was biased on the low side. Reanalysis yielded similar calibration non-conformance. Matrix interference is suspected.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

Page 1 of 1

11E0372

Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: NBHS RAM Disposal
Sampled By: C Foster

Telephone: 978-970-5600
Project # 115058
Client PO# 35060

Project Proposal Provided? (for billing purposes)
yes 2007/2011 proposal date

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

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	Pest, PCB, SVOC, HERB PCNU	RCRA 8 Metals Extract+Hold/TCLP	VOC's High + Low Level	Ignitability, Corrosivity	Reactive Sulfide, Reactive Cyanide
	STKP-B-1	7/13/11 1330	7/13/11 1330	X	VOA	S	U	X	X/H	X	X	X
	STKP-B-2	7/13/11 1350	7/13/11 1350	X	VOA	S	U	X	X/H	X	X	X
	STKP-B-3	7/13/11 1415	7/13/11 1415	X	VOA	S	U	X	X/H	X	X	X
	STKP-B-4	7/13/11 1435	7/13/11 1435	X	VOA	S	U	X	X/H	X	X	X
	TB-02	LAB	LAB		X	O	L			X		

# of Containers	3	3	3	3	3						
** Preservation	I	I	m/o	I	M						
***Container Code	A	A	V	A	A						

ANALYSIS REQUESTED

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 DI

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

Comments: EXTRACT AND HOLD TCLP METALS H = HOLD EXTRACT
07-14-11 20:38 IN

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: 7/14/11 1450
Received by: (signature)	Date/Time: 1450 7-14-11
Relinquished by: (signature)	Date/Time: 1850 7-14-11
Received by: (signature) 5.3°C	Date/Time: 7/14/11 18

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

Is your project MCP or RCP ?
⊗ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID #

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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F: 413-525-6405
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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: CM DATE: 7/14/11

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

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 5.3°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	12
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5

Bisulfate _____ # DI Water 10

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 07-14-11 20:38 IN

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

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

Doc# 277

Rev. 1 M

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0372
Project Location: City of New Bedford NBHS Ram Disposal	RTN:

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

11G0372-01 thru 11G0372-05

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 Director

Printed Name: Michael A. Erickson Date: 07/22/11

con-test®
ANALYTICAL LABORATORY
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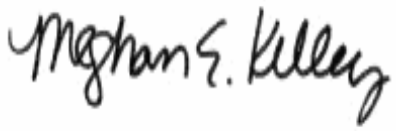
July 28, 2011

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

Project Location: City of New Bedford NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0375

Enclosed are results of analyses for samples received by the laboratory on July 14, 2011. 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: 7/28/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0375

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 NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STK-B-1	11G0375-01	Soil		SM 2540G	
				SW-846 8151A	
STK-B-2	11G0375-02	Soil		SM 2540G	
				SW-846 8151A	
STK-B-3	11G0375-03	Soil		SM 2540G	
				SW-846 8151A	
STK-B-4	11G0375-04	Soil		SM 2540G	
				SW-846 8151A	

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 8151A, samples were esterified on 7/26/11.

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 NBHS Ram Sample Description: Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-1 Sampled: 7/13/2011 13:30

Sample ID: 11G0375-01

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
2,4-DB [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
2,4,5-TP (Silvex) [2]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
2,4,5-T [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
Dalalpon [1]	ND	68	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
Dicamba [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
Dichloroprop [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
Dinoseb [1]	ND	14	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
MCPA [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM
MCPP [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:23	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	88.2	30-150			7/27/11 15:23
2,4-Dichlorophenylacetic acid [2]	104	30-150			7/27/11 15:23

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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-1 Sampled: 7/13/2011 13:30

Sample ID: 11G0375-01

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	91.7		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0375-02

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
2,4-DB [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
2,4,5-TP (Silvex) [2]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
2,4,5-T [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
Dalalpon [1]	ND	67	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
Dicamba [1]	ND	2.7	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
Dichloroprop [1]	ND	27	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
Dinoseb [1]	ND	13	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
MCPA [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM
MCPP [1]	ND	2700	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 15:49	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	85.5	30-150			7/27/11 15:49
2,4-Dichlorophenylacetic acid [2]	92.9	30-150			7/27/11 15:49

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-2 | Sampled: 7/13/2011 13:50

Sample ID: 11G0375-02

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	93.2		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

con-test® ANALYTICAL LABORATORY
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Project Location: City of New Bedford NBHS Ram Sample Description: Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-3 Sampled: 7/13/2011 14:15

Sample ID: 11G0375-03

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
2,4-DB [1]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
2,4,5-TP (Silvex) [1]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
2,4,5-T [2]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
Dalalpon [1]	ND	73	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
Dicamba [1]	ND	2.9	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
Dichloroprop [1]	ND	29	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
Dinoseb [2]	ND	15	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
MCPA [2]	ND	2900	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM
MCPP [1]	ND	2900	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:15	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	87.9	30-150			7/27/11 16:15
2,4-Dichlorophenylacetic acid [2]	112	30-150			7/27/11 16:15

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Project Location: City of New Bedford NBHS Ram | Sample Description: | Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-3 | Sampled: 7/13/2011 14:15

Sample ID: 11G0375-03

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
% Solids	86.0		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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 NBHS Ram | Sample Description: | Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-4 | Sampled: 7/13/2011 14:35

Sample ID: 11G0375-04

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	28	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
2,4-DB [1]	ND	28	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
2,4,5-TP (Silvex) [2]	ND	2.8	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
2,4,5-T [2]	ND	2.8	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
Dalalpon [1]	ND	69	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
Dicamba [1]	ND	2.8	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
Dichloroprop [1]	ND	28	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
Dinoseb [2]	ND	14	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
MCPA [1]	ND	2800	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM
MCPP [1]	ND	2800	µg/Kg dry	1		SW-846 8151A	7/15/11	7/27/11 16:40	CJM

Surrogates	% Recovery	Recovery Limits	Flag		
2,4-Dichlorophenylacetic acid [1]	89.9	30-150		7/27/11	16:40
2,4-Dichlorophenylacetic acid [2]	112	30-150		7/27/11	16:40

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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 NBHS Ram Sample Description: Work Order: 11G0375

Date Received: 7/14/2011

Field Sample #: STK-B-4 Sampled: 7/13/2011 14:35

Sample ID: 11G0375-04

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	89.4		% Wt	1		SM 2540G	7/15/11	7/18/11 8:50	NH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0375-01 [STK-B-1]	B033766	07/15/11
11G0375-02 [STK-B-2]	B033766	07/15/11
11G0375-03 [STK-B-3]	B033766	07/15/11
11G0375-04 [STK-B-4]	B033766	07/15/11

Prep Method: SW-846 8151-SW-846 8151A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0375-01 [STK-B-1]	B033759	20.0	5.00	07/15/11
11G0375-02 [STK-B-2]	B033759	20.0	5.00	07/15/11
11G0375-03 [STK-B-3]	B033759	20.0	5.00	07/15/11
11G0375-04 [STK-B-4]	B033759	20.2	5.00	07/15/11

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

QUALITY CONTROL

Herbicides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033759 - SW-846 8151										
Blank (B033759-BLK1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	ND	24	µg/Kg wet							
2,4-D [2C]	ND	24	µg/Kg wet							
2,4-DB	ND	24	µg/Kg wet							
2,4-DB [2C]	ND	24	µg/Kg wet							
2,4,5-TP (Silvex)	ND	2.4	µg/Kg wet							
2,4,5-TP (Silvex) [2C]	ND	2.4	µg/Kg wet							
2,4,5-T	ND	2.4	µg/Kg wet							
2,4,5-T [2C]	ND	2.4	µg/Kg wet							
Dalapon	ND	60	µg/Kg wet							
Dalapon [2C]	ND	60	µg/Kg wet							
Dicamba	ND	2.4	µg/Kg wet							
Dicamba [2C]	ND	2.4	µg/Kg wet							
Dichloroprop	ND	24	µg/Kg wet							
Dichloroprop [2C]	ND	24	µg/Kg wet							
Dinoseb	ND	12	µg/Kg wet							
Dinoseb [2C]	ND	12	µg/Kg wet							
MCPA	ND	2400	µg/Kg wet							
MCPA [2C]	ND	2400	µg/Kg wet							
MCPP	ND	2400	µg/Kg wet							
MCPP [2C]	ND	2400	µg/Kg wet							
Surrogate: 2,4-Dichlorophenylacetic acid	*79.7*		µg/Kg wet	95.2		83.7	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*76.2*		µg/Kg wet	95.2		80.0	30-150			
LCS (B033759-BS1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	55.5	24	µg/Kg wet	121		45.7	40-140			
2,4-D [2C]	60.6	24	µg/Kg wet	121		50.0	40-140			
2,4-DB	53.6	24	µg/Kg wet	121		44.2	40-140			
2,4-DB [2C]	57.4	24	µg/Kg wet	121		47.3	40-140			
2,4,5-TP (Silvex)	6.69	2.4	µg/Kg wet	12.1		55.1	40-140			
2,4,5-TP (Silvex) [2C]	7.25	2.4	µg/Kg wet	12.1		59.7	40-140			
2,4,5-T	5.80	2.4	µg/Kg wet	12.1		47.8	40-140			
2,4,5-T [2C]	6.86	2.4	µg/Kg wet	12.1		56.5	40-140			
Dalapon	128	61	µg/Kg wet	303		42.1	40-140			
Dalapon [2C]	126	61	µg/Kg wet	303		41.5	40-140			
Dicamba	7.26	2.4	µg/Kg wet	12.1		59.8	40-140			
Dicamba [2C]	7.53	2.4	µg/Kg wet	12.1		62.0	40-140			
Dichloroprop	81.7	24	µg/Kg wet	121		67.3	40-140			
Dichloroprop [2C]	79.8	24	µg/Kg wet	121		65.7	40-140			
Dinoseb	10.3	12	µg/Kg wet	60.7		17.0	10-140			
Dinoseb [2C]	12.0	12	µg/Kg wet	60.7		19.8	10-140			
MCPA	6330	2400	µg/Kg wet	12100		52.2	40-140			
MCPA [2C]	6240	2400	µg/Kg wet	12100		51.4	40-140			
MCPP	6150	2400	µg/Kg wet	12100		50.6	40-140			
MCPP [2C]	6210	2400	µg/Kg wet	12100		51.2	40-140			
Surrogate: 2,4-Dichlorophenylacetic acid	*63.8*		µg/Kg wet	97.1		65.8	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*61.9*		µg/Kg wet	97.1		63.7	30-150			

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QUALITY CONTROL

Herbicides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B033759 - SW-846 8151										
LCS Dup (B033759-BSD1)				Prepared: 07/15/11 Analyzed: 07/27/11						
2,4-D	72.2	24	µg/Kg wet	121		59.5	40-140	26.1	30	
2,4-D [2C]	72.7	24	µg/Kg wet	121		59.9	40-140	18.0	30	
2,4-DB	67.5	24	µg/Kg wet	121		55.6	40-140	22.9	30	
2,4-DB [2C]	70.9	24	µg/Kg wet	121		58.4	40-140	21.0	30	
2,4,5-TP (Silvex)	7.54	2.4	µg/Kg wet	12.1		62.1	40-140	11.9	30	
2,4,5-TP (Silvex) [2C]	8.32	2.4	µg/Kg wet	12.1		68.6	40-140	13.8	30	
2,4,5-T	6.80	2.4	µg/Kg wet	12.1		56.0	40-140	15.8	30	
2,4,5-T [2C]	9.22	2.4	µg/Kg wet	12.1		76.0	40-140	29.4	30	
Dalapon	147	61	µg/Kg wet	303		48.6	40-140	14.3	30	
Dalapon [2C]	145	61	µg/Kg wet	303		47.9	40-140	14.4	30	
Dicamba	8.70	2.4	µg/Kg wet	12.1		71.7	40-140	18.1	30	
Dicamba [2C]	8.36	2.4	µg/Kg wet	12.1		68.9	40-140	10.4	30	
Dichloroprop	94.6	24	µg/Kg wet	121		78.0	40-140	14.7	30	
Dichloroprop [2C]	92.4	24	µg/Kg wet	121		76.1	40-140	14.6	30	
Dinoseb	11.5	12	µg/Kg wet	60.7		18.9	10-140	10.7	30	
Dinoseb [2C]	13.8	12	µg/Kg wet	60.7		22.7	10-140	13.8	30	
MCPA	7370	2400	µg/Kg wet	12100		60.7	40-140	15.1	30	
MCPA [2C]	7220	2400	µg/Kg wet	12100		59.5	40-140	14.6	30	
MCPP	6960	2400	µg/Kg wet	12100		57.4	40-140	12.5	30	
MCPP [2C]	7150	2400	µg/Kg wet	12100		58.9	40-140	14.0	30	
Surrogate: 2,4-Dichlorophenylacetic acid	*76.0*		µg/Kg wet	97.1		78.2	30-150			
Surrogate: 2,4-Dichlorophenylacetic acid [2C]	*72.6*		µg/Kg wet	97.1		74.8	30-150			

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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.

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 8151A in Soil	
2,4-D	NY,ME,NC,NH
2,4-D [2C]	NY,ME,NC,NH
2,4-DB	NY,ME,NC,NH
2,4-DB [2C]	NY,ME,NC,NH
2,4,5-TP (Silvex)	NY,ME,NC,NH
2,4,5-TP (Silvex) [2C]	NY,ME,NC,NH
2,4,5-T	NY,ME,NC,NH
2,4,5-T [2C]	NY,ME,NC,NH
Dalapon	NY,ME,NC,NH
Dalapon [2C]	NY,ME,NC,NH
Dicamba	NY,ME,NC,NH
Dicamba [2C]	NY,ME,NC,NH
Dichloroprop	NY,ME,NC,NH
Dichloroprop [2C]	NY,ME,NC,NH
Dinoseb	NY,ME,NC,NH
Dinoseb [2C]	NY,ME,NC,NH
MCPA	NY,ME,NC,NH
MCPA [2C]	NY,ME,NC,NH
MCPP	NY,ME,NC,NH
MCPP [2C]	NY,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

116375

Company Name: TRC
Address: 650 Suffolk St
Lowell MA 01854
Attention: David Sullivan
Project Location: NBHS RAM Disposal
Sampled By: C Foster

Telephone: 978-970-5600
Project # 115058
Client PO# 35060

Project Proposal Provided? (for billing purposes)
yes 2007 / 2011 proposal date

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

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	Pest, PCB, SVOC, HERB from RCRA-8 Metals Extract + Hold TCLP	VOC's High + Low Level	Ignitability, Corrosivity	Reactive Sulfide, Reactive Cyanide	# of Containers	** Preservation	***Container Code
	STKP-B-1	7/13/11 1330	7/13/11 1330	X	VOA	S	U	X	X/H	X	X	3	H	A
	STKP-B-2	7/13/11 1350	7/13/11 1350	X	VOA	S	U	X	X/H	X	X	3	H	A
	STKP-B-3	7/13/11 1415	7/13/11 1415	X	VOA	S	U	X	X/H	X	X	3	H	A
	STKP-B-4	7/13/11 1435	7/13/11 1435	X	VOA	S	U	X	X/H	X	X	3	H	A
	TB-02	LAB	LAB		X	O	L			X		1	H	V

ANALYSIS REQUESTED

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 DI

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

Comments: EXTRACT AND HOLD TCLP METALS H = HOLD EXTRACT
07-14-11 20:38 IN

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:
	7/14/11 1450
Received by: (signature)	Date/Time:
	7-14-11 1450
Relinquished by: (signature)	Date/Time:
	7-14-11 1850
Received by: (signature)	Date/Time:
S.3rd	7/14/11 1850

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

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

nelac AIHA NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: AM DATE: 7/14/11

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

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 5.3°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	4
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0375
Project Location: City of New Bedford NBHS Ram Disposal	RTN:

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

11G0375-01 thru 11G0375-04

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C (X)	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	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: 07/28/11

Stockpile B2

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

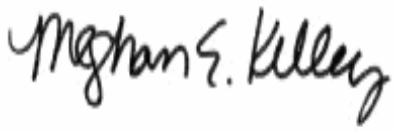
August 25, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0570

Enclosed are results of analyses for samples received by the laboratory on August 15, 2011. 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: 8/25/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0570

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B2-1	11H0570-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-B2-2	11H0570-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 6010C

Qualifications:

Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.

Analyte & Samples(s) Qualified:

Silver

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2]

SW-846 8081B

Qualifications:

Initial continuing calibration standard was within method criteria. Closing continuing calibration standard was outside of method criteria, biased on the low side. Reanalysis yielded similar non-conformance, matrix interference was confirmed.

Analyte & Samples(s) Qualified:

4,4'-DDT, 4,4'-DDT [2C], Methoxychlor, Methoxychlor [2C]

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2]

Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

Analyte & Samples(s) Qualified:

4,4'-DDT

11H0570-02[STKP-B2-2]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene)

B035559-BS1, B035559-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:

p-Isopropyltoluene (p-Cymene)

B035559-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:

Dichlorodifluoromethane (Freon 12)

B035559-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:

Tetrahydrofuran

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2], B035559-BLK1, B035559-BS1, B035559-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, Dichlorodifluoromethane (Freon 12), Naphthalene, Tetrahydrofuran

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2], B035559-BLK1, B035559-BS1, B035559-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

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2], B035559-BLK1, B035559-BS1, B035559-BSD1

SW-846 8270D

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:

Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Pyrene

B035534-BS1, B035534-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:

4-Chloroaniline, Aniline

11H0570-01[STKP-B2-1], 11H0570-02[STKP-B2-2], B035534-BLK1, B035534-BS1, B035534-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

B035534-BS1, B035534-BSD1

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

Analyte & Samples(s) Qualified:

3/4-Methylphenol, 4-Chloroaniline, 4-Nitrophenol

11H0570-02[STKP-B2-2]

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

Analyte & Samples(s) Qualified:

Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Pyrene

B035534-BLK1, B035534-BS1, B035534-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 3,3-Dichlorobenzidine

B035534-BLK1, B035534-BS1, B035534-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:

Di-n-octylphthalate

11H0570-02[STKP-B2-2]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.073	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Bromomethane	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
n-Butylbenzene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Carbon Disulfide	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Chlorodibromomethane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Chloroethane	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Chloromethane	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2-Dibromoethane (EDB)	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0073	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,3-Dichloropropane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
cis-1,3-Dichloropropene	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
trans-1,3-Dichloropropene	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Diethyl Ether	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Diisopropyl Ether (DIPE)	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,4-Dioxane	ND	0.073	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:09	MFF

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Hexachlorobutadiene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Methylene Chloride	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Naphthalene	ND	0.0073	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Tetrahydrofuran	ND	0.0073	mg/Kg dry	1	R-05, V-05, V-16	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2,3-Trichlorobenzene	ND	0.0073	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2,4-Trichlorobenzene	ND	0.0073	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
Vinyl Chloride	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	117	70-130		8/16/11 9:09
Toluene-d8	101	70-130		8/16/11 9:09
4-Bromofluorobenzene	95.7	70-130		8/16/11 9:09

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

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 8270D	8/16/11	8/17/11 14:07	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Aniline	ND	0.37	mg/Kg dry	1	R-05	SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Benzo(a)anthracene	0.37	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Benzo(a)pyrene	0.55	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Benzo(b)fluoranthene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Benzo(g,h,i)perylene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Benzo(k)fluoranthene	0.28	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	R-05	SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Chrysene	0.39	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Fluoranthene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Indeno(1,2,3-cd)pyrene	0.24	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

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	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Phenanthrene	0.41	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
Pyrene	0.75	0.18	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/16/11	8/17/11 14:07	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	52.1	30-130		8/17/11 14:07
Phenol-d6	44.4	30-130		8/17/11 14:07
Nitrobenzene-d5	45.7	30-130		8/17/11 14:07
2-Fluorobiphenyl	46.7	30-130		8/17/11 14:07
2,4,6-Tribromophenol	75.2	30-130		8/17/11 14:07
Terphenyl-d14	49.7	30-130		8/17/11 14:07

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
alpha-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
beta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
delta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
4,4'-DDD [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
4,4'-DDE [1]	0.029	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
4,4'-DDT [2]	0.089	0.0043	mg/Kg dry	1	O-28	SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Dieldrin [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Endosulfan I [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Endosulfan II [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Endosulfan sulfate [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Endrin [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Endrin ketone [1]	ND	0.0086	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Heptachlor [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Heptachlor epoxide [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Hexachlorobenzene [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:09	PJG
Methoxychlor [1]	ND	0.054	mg/Kg dry	1	O-28	SW-846 8081B	8/17/11	8/22/11 17:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	82.6	30-150		8/22/11 17:09
Decachlorobiphenyl [2]	90.8	30-150		8/22/11 17:09
Tetrachloro-m-xylene [1]	70.6	30-150		8/22/11 17:09
Tetrachloro-m-xylene [2]	76.5	30-150		8/22/11 17:09

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

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 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1254 [2]	1.3	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	119	30-150		8/19/11 2:02
Decachlorobiphenyl [2]	122	30-150		8/19/11 2:02
Tetrachloro-m-xylene [1]	109	30-150		8/19/11 2:02
Tetrachloro-m-xylene [2]	120	30-150		8/19/11 2:02

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

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	160	45	mg/Kg dry	5		SW-846 8100 Modified	8/16/11	8/18/11 18:18	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	64.8	40-140					8/18/11 18:18

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Barium	58	2.6	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Cadmium	0.72	0.26	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Chromium	8.3	0.52	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Lead	210	0.78	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Mercury	0.19	0.026	mg/Kg dry	1		SW-846 7471B	8/16/11	8/16/11 15:06	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:28	OP
Silver	ND	0.52	mg/Kg dry	1	B-06	SW-846 6010C	8/17/11	8/18/11 21:28	OP

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H0570-01

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/17/11	8/17/11 20:55	SBP
pH @19.5°C	5.9		pH Units	1		SW-846 9045C	8/16/11	8/16/11 7:55	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/17/11	8/17/11 15:30	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/17/11	8/17/11 17:00	DEF
Specific conductance	4.0	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	91.7		% Wt	1		SM 2540G	8/16/11	8/17/11 8:38	PJS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.083	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Bromomethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
2-Butanone (MEK)	ND	0.033	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
n-Butylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Carbon Disulfide	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Chlorodibromomethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Chloroethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Chloromethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2-Dibromoethane (EDB)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0083	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,3-Dichloropropane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
cis-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
trans-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Diethyl Ether	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Diisopropyl Ether (DIPE)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,4-Dioxane	ND	0.083	mg/Kg dry	1	V-16	SW-846 8260C	8/16/11	8/16/11 9:35	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Hexachlorobutadiene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Methylene Chloride	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Naphthalene	ND	0.0083	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Tetrahydrofuran	ND	0.0083	mg/Kg dry	1	R-05, V-05, V-16	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2,3-Trichlorobenzene	ND	0.0083	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2,4-Trichlorobenzene	ND	0.0083	mg/Kg dry	1	V-05	SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
Vinyl Chloride	ND	0.0083	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
m+p Xylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/16/11	8/16/11 9:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	113	70-130		8/16/11 9:35
Toluene-d8	103	70-130		8/16/11 9:35
4-Bromofluorobenzene	97.0	70-130		8/16/11 9:35

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

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 8270D	8/16/11	8/18/11 13:24	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Aniline	ND	0.38	mg/Kg dry	1	R-05	SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Benzo(a)pyrene	0.19	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1	R-05, V-05	SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1	V-20	SW-846 8270D	8/16/11	8/18/11 13:24	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Fluoranthene	0.24	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Indeno(1,2,3-cd)pyrene	0.30	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

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 8270D	8/16/11	8/18/11 13:24	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1	V-05	SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
Pyrene	0.27	0.19	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/16/11	8/18/11 13:24	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	40.2	30-130		8/18/11 13:24
Phenol-d6	37.9	30-130		8/18/11 13:24
Nitrobenzene-d5	42.6	30-130		8/18/11 13:24
2-Fluorobiphenyl	43.5	30-130		8/18/11 13:24
2,4,6-Tribromophenol	47.4	30-130		8/18/11 13:24
Terphenyl-d14	50.8	30-130		8/18/11 13:24

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
alpha-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
beta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
delta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
4,4'-DDD [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
4,4'-DDE [1]	0.030	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
4,4'-DDT [1]	0.049	0.0043	mg/Kg dry	1	O-28, P-02	SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Dieldrin [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Endosulfan I [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Endosulfan II [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Endosulfan sulfate [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Endrin [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Endrin ketone [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Heptachlor [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Heptachlor epoxide [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Hexachlorobenzene [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	8/17/11	8/22/11 17:27	PJG
Methoxychlor [1]	ND	0.054	mg/Kg dry	1	O-28	SW-846 8081B	8/17/11	8/22/11 17:27	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	71.4	30-150		8/22/11 17:27
Decachlorobiphenyl [2]	79.7	30-150		8/22/11 17:27
Tetrachloro-m-xylene [1]	61.0	30-150		8/22/11 17:27
Tetrachloro-m-xylene [2]	67.1	30-150		8/22/11 17:27

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

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 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1254 [1]	0.38	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/16/11	8/19/11 2:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.5	30-150		8/19/11 2:14
Decachlorobiphenyl [2]	96.3	30-150		8/19/11 2:14
Tetrachloro-m-xylene [1]	98.5	30-150		8/19/11 2:14
Tetrachloro-m-xylene [2]	110	30-150		8/19/11 2:14

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

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	100	46	mg/Kg dry	5		SW-846 8100 Modified	8/16/11	8/18/11 18:00	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	62.9	40-140					8/18/11 18:00

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Barium	77	2.8	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Cadmium	1.1	0.28	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Chromium	22	0.56	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Lead	340	0.84	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Mercury	0.22	0.028	mg/Kg dry	1		SW-846 7471B	8/16/11	8/16/11 15:07	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/17/11	8/18/11 21:33	OP
Silver	ND	0.56	mg/Kg dry	1	B-06	SW-846 6010C	8/17/11	8/18/11 21:33	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0570

Date Received: 8/15/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H0570-02

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/17/11	8/17/11 20:55	SBP
pH @19.4°C	6.1		pH Units	1		SW-846 9045C	8/16/11	8/16/11 7:55	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/17/11	8/17/11 15:30	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	8/17/11	8/17/11 17:00	DEF
Specific conductance	5.2	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	89.6		% Wt	1		SM 2540G	8/16/11	8/17/11 8:38	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0570-01 [STKP-B2-1]	B035594	08/16/11
11H0570-02 [STKP-B2-2]	B035594	08/16/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0570-01 [STKP-B2-1]	B035830	1.00	08/19/11
11H0570-02 [STKP-B2-2]	B035830	1.00	08/19/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035686	50.0	50.0	08/17/11
11H0570-02 [STKP-B2-2]	B035686	50.0	50.0	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035649	1.04	50.0	08/17/11
11H0570-02 [STKP-B2-2]	B035649	0.995	50.0	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035536	0.621	50.0	08/16/11
11H0570-02 [STKP-B2-2]	B035536	0.605	50.0	08/16/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035609	10.1	10.0	08/17/11
11H0570-02 [STKP-B2-2]	B035609	10.3	10.0	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035578	10.0	50.0	08/16/11
11H0570-02 [STKP-B2-2]	B035578	10.0	50.0	08/16/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035570	30.0	1.00	08/16/11
11H0570-02 [STKP-B2-2]	B035570	30.2	1.00	08/16/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035559	7.50	10.0	08/16/11
11H0570-02 [STKP-B2-2]	B035559	6.71	10.0	08/16/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035534	30.1	1.00	08/16/11
11H0570-02 [STKP-B2-2]	B035534	30.2	1.00	08/16/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035678	25.6	250	08/17/11
11H0570-02 [STKP-B2-2]	B035678	25.7	250	08/17/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0570-01 [STKP-B2-1]	B035728	25.6	250	08/17/11
11H0570-02 [STKP-B2-2]	B035728	25.7	250	08/17/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0570-01 [STKP-B2-1]	B035595	20.0	08/16/11
11H0570-02 [STKP-B2-2]	B035595	20.0	08/16/11

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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 B035559 - SW-846 5035										
Blank (B035559-BLK1)				Prepared & Analyzed: 08/16/11						
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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							V-05

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 B035559 - SW-846 5035											
Blank (B035559-BLK1)				Prepared & Analyzed: 08/16/11							
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							R-05, V-05, 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	*0.0542*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0513*		mg/Kg wet	0.0500		103	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0503*		mg/Kg wet	0.0500		101	70-130				
LCS (B035559-BS1)				Prepared & Analyzed: 08/16/11							
Acetone	0.226	0.10	mg/Kg wet	0.200		113	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0188	0.0010	mg/Kg wet	0.0200		94.0	70-130				
Benzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
Bromobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
Bromochloromethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Bromodichloromethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromoform	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130				
Bromomethane	0.0162	0.010	mg/Kg wet	0.0200		81.2	40-160				†
2-Butanone (MEK)	0.177	0.040	mg/Kg wet	0.200		88.7	40-160			V-16	†
n-Butylbenzene	0.0217	0.0040	mg/Kg wet	0.0200		108	70-130				
sec-Butylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130				
tert-Butylbenzene	0.0251	0.0020	mg/Kg wet	0.0200		125	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0166	0.0010	mg/Kg wet	0.0200		83.0	70-130				
Carbon Disulfide	0.0204	0.0060	mg/Kg wet	0.0200		102	70-130				
Carbon Tetrachloride	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130				
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
Chlorodibromomethane	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130				
Chloroethane	0.0201	0.010	mg/Kg wet	0.0200		101	70-130				
Chloroform	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130				
Chloromethane	0.0167	0.010	mg/Kg wet	0.0200		83.7	40-160				†
2-Chlorotoluene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
4-Chlorotoluene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0195	0.0040	mg/Kg wet	0.0200		97.7	70-130				
1,2-Dibromoethane (EDB)	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130				
Dibromomethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,2-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130				
1,3-Dichlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	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 B035559 - SW-846 5035												
LCS (B035559-BS1)				Prepared & Analyzed: 08/16/11								
Dichlorodifluoromethane (Freon 12)	0.0265	0.010	mg/Kg wet	0.0200		133		40-160			V-05	†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1-Dichloroethylene	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130				
cis-1,2-Dichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				
trans-1,2-Dichloroethylene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,3-Dichloropropane	0.0203	0.0010	mg/Kg wet	0.0200		101		70-130				
2,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,1-Dichloropropene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130				
cis-1,3-Dichloropropene	0.0217	0.0010	mg/Kg wet	0.0200		109		70-130				
trans-1,3-Dichloropropene	0.0250	0.0010	mg/Kg wet	0.0200		125		70-130				
Diethyl Ether	0.0188	0.010	mg/Kg wet	0.0200		94.2		70-130				
Diisopropyl Ether (DIPE)	0.0184	0.0010	mg/Kg wet	0.0200		92.1		70-130				
1,4-Dioxane	0.179	0.10	mg/Kg wet	0.200		89.4		40-160			V-16	†
Ethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
Hexachlorobutadiene	0.0232	0.0040	mg/Kg wet	0.0200		116		70-130				
2-Hexanone (MBK)	0.187	0.020	mg/Kg wet	0.200		93.4		40-160				†
Isopropylbenzene (Cumene)	0.0265	0.0020	mg/Kg wet	0.0200		**132**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0265	0.0020	mg/Kg wet	0.0200		**132**	*	70-130			L-07	
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104		70-130				
Methylene Chloride	0.0195	0.010	mg/Kg wet	0.0200		97.7		70-130				
4-Methyl-2-pentanone (MIBK)	0.173	0.020	mg/Kg wet	0.200		86.3		40-160				†
Naphthalene	0.0141	0.010	mg/Kg wet	0.0200		70.4		70-130			V-05	
n-Propylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130				
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
1,1,1,2-Tetrachloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.7		70-130				
Tetrachloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130				
Tetrahydrofuran	0.0149	0.010	mg/Kg wet	0.0200		74.5		70-130			R-05, V-05, V-16	
Toluene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
1,2,3-Trichlorobenzene	0.0159	0.010	mg/Kg wet	0.0200		79.7		70-130			V-05	
1,2,4-Trichlorobenzene	0.0151	0.010	mg/Kg wet	0.0200		75.5		70-130			V-05	
1,1,1-Trichloroethane	0.0245	0.0020	mg/Kg wet	0.0200		123		70-130				
1,1,2-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
Trichloroethylene	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
Trichlorofluoromethane (Freon 11)	0.0218	0.010	mg/Kg wet	0.0200		109		70-130				
1,2,3-Trichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.6		70-130				
1,2,4-Trimethylbenzene	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130				
1,3,5-Trimethylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
Vinyl Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.5		70-130				
m+p Xylene	0.0427	0.0040	mg/Kg wet	0.0400		107		70-130				
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0518*		mg/Kg wet	0.0500		104		70-130				
Surrogate: Toluene-d8	*0.0534*		mg/Kg wet	0.0500		107		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0519*		mg/Kg wet	0.0500		104		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 B035559 - SW-846 5035												
LCS Dup (B035559-BSD1)				Prepared & Analyzed: 08/16/11								
Acetone	0.256	0.10	mg/Kg wet	0.200		128		40-160	12.4	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0205	0.0010	mg/Kg wet	0.0200		103		70-130	8.85	20		
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5		70-130	2.46	20		
Bromobenzene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	4.78	20		
Bromochloromethane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	1.17	20		
Bromodichloromethane	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	2.25	20		
Bromoform	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	14.4	20		
Bromomethane	0.0184	0.010	mg/Kg wet	0.0200		92.0		40-160	12.5	20		†
2-Butanone (MEK)	0.188	0.040	mg/Kg wet	0.200		94.1		40-160	5.94	20	V-16	†
n-Butylbenzene	0.0194	0.0040	mg/Kg wet	0.0200		97.2		70-130	10.9	20		
sec-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	12.6	20		
tert-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	12.8	20		
tert-Butyl Ethyl Ether (TBEE)	0.0178	0.0010	mg/Kg wet	0.0200		88.8		70-130	6.75	20		
Carbon Disulfide	0.0198	0.0060	mg/Kg wet	0.0200		99.0		70-130	2.99	20		
Carbon Tetrachloride	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	1.22	20		
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	0.275	20		
Chlorodibromomethane	0.0214	0.0010	mg/Kg wet	0.0200		107		70-130	5.10	20		
Chloroethane	0.0190	0.010	mg/Kg wet	0.0200		95.1		70-130	5.62	20		
Chloroform	0.0218	0.0040	mg/Kg wet	0.0200		109		70-130	1.11	20		
Chloromethane	0.0173	0.010	mg/Kg wet	0.0200		86.3		40-160	3.06	20		†
2-Chlorotoluene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130	2.62	20		
4-Chlorotoluene	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130	3.20	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0199	0.0040	mg/Kg wet	0.0200		99.3		70-130	1.62	20		
1,2-Dibromoethane (EDB)	0.0211	0.0010	mg/Kg wet	0.0200		105		70-130	0.476	20		
Dibromomethane	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130	7.09	20		
1,2-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	6.03	20		
1,3-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130	14.7	20		
1,4-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	10.3	20		
Dichlorodifluoromethane (Freon 12)	0.0262	0.010	mg/Kg wet	0.0200		131		40-160	1.29	20	L-14, V-05	†
1,1-Dichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	3.02	20		
1,2-Dichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	0.885	20		
1,1-Dichloroethylene	0.0228	0.0040	mg/Kg wet	0.0200		114		70-130	7.07	20		
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	1.91	20		
trans-1,2-Dichloroethylene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	4.30	20		
1,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		97.8		70-130	3.22	20		
1,3-Dichloropropane	0.0219	0.0010	mg/Kg wet	0.0200		109		70-130	7.60	20		
2,2-Dichloropropane	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130	0.0887	20		
1,1-Dichloropropene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	0.829	20		
cis-1,3-Dichloropropene	0.0216	0.0010	mg/Kg wet	0.0200		108		70-130	0.554	20		
trans-1,3-Dichloropropene	0.0246	0.0010	mg/Kg wet	0.0200		123		70-130	1.62	20		
Diethyl Ether	0.0222	0.010	mg/Kg wet	0.0200		111		70-130	16.6	20		
Diisopropyl Ether (DIPE)	0.0195	0.0010	mg/Kg wet	0.0200		97.3		70-130	5.49	20		
1,4-Dioxane	0.189	0.10	mg/Kg wet	0.200		94.6		40-160	5.62	20	V-16	†
Ethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	3.04	20		
Hexachlorobutadiene	0.0211	0.0040	mg/Kg wet	0.0200		106		70-130	9.48	20		
2-Hexanone (MBK)	0.208	0.020	mg/Kg wet	0.200		104		40-160	11.0	20		†
Isopropylbenzene (Cumene)	0.0268	0.0020	mg/Kg wet	0.0200		**134**	*	70-130	1.35	20	L-02	
p-Isopropyltoluene (p-Cymene)	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130	10.3	20		
Methyl tert-Butyl Ether (MTBE)	0.0209	0.0040	mg/Kg wet	0.0200		104		70-130	0.576	20		
Methylene Chloride	0.0189	0.010	mg/Kg wet	0.0200		94.5		70-130	3.33	20		
4-Methyl-2-pentanone (MIBK)	0.184	0.020	mg/Kg wet	0.200		92.0		40-160	6.36	20		†
Naphthalene	0.0148	0.010	mg/Kg wet	0.0200		73.9		70-130	4.85	20	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 B035559 - SW-846 5035											
LCS Dup (B035559-BSD1)				Prepared & Analyzed: 08/16/11							
n-Propylbenzene	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130	0.513		20	
Styrene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	6.26		20	
1,1,1,2-Tetrachloroethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	3.18		20	
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130	12.0		20	
Tetrachloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	1.98		20	
Tetrahydrofuran	0.0198	0.010	mg/Kg wet	0.0200		99.1	70-130	**28.3**	*	20	R-05, V-05, V-16
Toluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	8.21		20	
1,2,3-Trichlorobenzene	0.0152	0.010	mg/Kg wet	0.0200		75.9	70-130	4.88		20	V-05
1,2,4-Trichlorobenzene	0.0155	0.010	mg/Kg wet	0.0200		77.3	70-130	2.36		20	V-05
1,1,1-Trichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	2.64		20	
1,1,2-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	2.43		20	
Trichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	8.63		20	
Trichlorofluoromethane (Freon 11)	0.0213	0.010	mg/Kg wet	0.0200		107	70-130	2.41		20	
1,2,3-Trichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130	6.16		20	
1,2,4-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	9.41		20	
1,3,5-Trimethylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	1.01		20	
Vinyl Chloride	0.0182	0.010	mg/Kg wet	0.0200		91.2	70-130	4.61		20	
m+p Xylene	0.0416	0.0040	mg/Kg wet	0.0400		104	70-130	2.66		20	
o-Xylene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	3.62		20	
Surrogate: 1,2-Dichloroethane-d4	*0.0550*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0499*		mg/Kg wet	0.0500		99.8	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0556*		mg/Kg wet	0.0500		111	70-130				

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 B035534 - SW-846 3546										
Blank (B035534-BLK1)				Prepared: 08/16/11 Analyzed: 08/17/11						
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							R-05
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							V-06
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							R-05
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							V-06
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							V-19
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-19
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							V-06
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							

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 B035534 - SW-846 3546												
Blank (B035534-BLK1)				Prepared: 08/16/11 Analyzed: 08/17/11								
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet								V-06	
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	*7.11*		mg/Kg wet	6.67		107		30-130				
Surrogate: Phenol-d6	*6.35*		mg/Kg wet	6.67		95.3		30-130				
Surrogate: Nitrobenzene-d5	*3.21*		mg/Kg wet	3.33		96.4		30-130				
Surrogate: 2-Fluorobiphenyl	*3.61*		mg/Kg wet	3.33		108		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.64*		mg/Kg wet	6.67		130		30-130				
Surrogate: Terphenyl-d14	*4.17*		mg/Kg wet	3.33		125		30-130				
LCS (B035534-BS1)				Prepared: 08/16/11 Analyzed: 08/17/11								
Acenaphthene	1.68	0.17	mg/Kg wet	1.67		101		40-140				
Acenaphthylene	1.63	0.17	mg/Kg wet	1.67		97.7		40-140				
Acetophenone	1.38	0.34	mg/Kg wet	1.67		82.6		40-140				
Aniline	1.17	0.34	mg/Kg wet	1.67		70.4		40-140			R-05	
Anthracene	1.78	0.17	mg/Kg wet	1.67		107		40-140				
Benzo(a)anthracene	1.67	0.17	mg/Kg wet	1.67		100		40-140				
Benzo(a)pyrene	1.65	0.17	mg/Kg wet	1.67		99.0		40-140				
Benzo(b)fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.2		40-140				
Benzo(g,h,i)perylene	2.65	0.17	mg/Kg wet	1.67		**159**	*	40-140			L-07, V-06	
Benzo(k)fluoranthene	1.54	0.17	mg/Kg wet	1.67		92.6		40-140				
Bis(2-chloroethoxy)methane	1.58	0.34	mg/Kg wet	1.67		94.8		40-140				
Bis(2-chloroethyl)ether	1.43	0.34	mg/Kg wet	1.67		85.9		40-140				
Bis(2-chloroisopropyl)ether	1.28	0.34	mg/Kg wet	1.67		76.9		40-140				
Bis(2-Ethylhexyl)phthalate	2.21	0.34	mg/Kg wet	1.67		133		40-140				
4-Bromophenylphenylether	1.69	0.34	mg/Kg wet	1.67		101		40-140				
Butylbenzylphthalate	2.16	0.66	mg/Kg wet	1.67		130		40-140				
4-Chloroaniline	1.34	0.66	mg/Kg wet	1.67		80.6		15-140			R-05	†
2-Chloronaphthalene	1.58	0.34	mg/Kg wet	1.67		94.7		40-140				
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.8		30-130				
Chrysene	1.71	0.17	mg/Kg wet	1.67		102		40-140				
Dibenz(a,h)anthracene	2.61	0.17	mg/Kg wet	1.67		**156**	*	40-140			L-07, V-06	
Dibenzofuran	1.61	0.34	mg/Kg wet	1.67		96.7		40-140				
Di-n-butylphthalate	1.95	0.34	mg/Kg wet	1.67		117		40-140				
1,2-Dichlorobenzene	1.38	0.34	mg/Kg wet	1.67		83.1		40-140				
1,3-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.9		40-140				
1,4-Dichlorobenzene	1.42	0.34	mg/Kg wet	1.67		84.9		40-140				
3,3-Dichlorobenzidine	1.79	0.17	mg/Kg wet	1.67		108		40-140			V-19	
2,4-Dichlorophenol	1.68	0.34	mg/Kg wet	1.67		101		30-130				
Diethylphthalate	1.65	0.34	mg/Kg wet	1.67		98.9		40-140				
2,4-Dimethylphenol	1.53	0.34	mg/Kg wet	1.67		91.7		30-130				
Dimethylphthalate	1.69	0.66	mg/Kg wet	1.67		101		40-140				
2,4-Dinitrophenol	1.73	0.66	mg/Kg wet	1.67		104		15-140			V-19	†
2,4-Dinitrotoluene	1.70	0.34	mg/Kg wet	1.67		102		40-140				
2,6-Dinitrotoluene	1.73	0.34	mg/Kg wet	1.67		104		40-140				
Di-n-octylphthalate	1.72	0.66	mg/Kg wet	1.67		103		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.47	0.34	mg/Kg wet	1.67		88.4		40-140				
Fluoranthene	2.09	0.17	mg/Kg wet	1.67		126		40-140				
Fluorene	1.61	0.17	mg/Kg wet	1.67		96.6		40-140				
Hexachlorobenzene	1.78	0.34	mg/Kg wet	1.67		107		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 B035534 - SW-846 3546													
LCS (B035534-BS1)				Prepared: 08/16/11 Analyzed: 08/17/11									
Hexachlorobutadiene	1.63	0.34	mg/Kg wet	1.67		97.7		40-140					
Hexachloroethane	1.40	0.34	mg/Kg wet	1.67		84.3		40-140					
Indeno(1,2,3-cd)pyrene	2.47	0.17	mg/Kg wet	1.67		**148**	*	40-140				L-07, V-06	
Isophorone	1.44	0.34	mg/Kg wet	1.67		86.4		40-140					
2-Methylnaphthalene	1.51	0.17	mg/Kg wet	1.67		90.6		40-140					
2-Methylphenol	0.790	0.34	mg/Kg wet	1.67		47.4		30-130					
3/4-Methylphenol	1.57	0.34	mg/Kg wet	1.67		94.4		30-130					
Naphthalene	1.53	0.17	mg/Kg wet	1.67		92.1		40-140					
Nitrobenzene	1.53	0.34	mg/Kg wet	1.67		91.6		40-140					
2-Nitrophenol	1.85	0.34	mg/Kg wet	1.67		111		30-130					
4-Nitrophenol	2.15	0.66	mg/Kg wet	1.67		129		15-140					†
Pentachlorophenol	1.71	0.34	mg/Kg wet	1.67		102		30-130					
Phenanthrene	1.73	0.17	mg/Kg wet	1.67		104		40-140					
Phenol	1.50	0.34	mg/Kg wet	1.67		89.8		15-140					†
Pyrene	2.31	0.17	mg/Kg wet	1.67		139		40-140				V-06	
1,2,4-Trichlorobenzene	1.68	0.34	mg/Kg wet	1.67		101		40-140					
2,4,5-Trichlorophenol	0.988	0.34	mg/Kg wet	1.67		59.3		30-130					
2,4,6-Trichlorophenol	1.91	0.34	mg/Kg wet	1.67		115		30-130					
Surrogate: 2-Fluorophenol	*6.31*		mg/Kg wet	6.67		94.7		30-130					
Surrogate: Phenol-d6	*5.69*		mg/Kg wet	6.67		85.4		30-130					
Surrogate: Nitrobenzene-d5	*3.31*		mg/Kg wet	3.33		99.3		30-130					
Surrogate: 2-Fluorobiphenyl	*3.86*		mg/Kg wet	3.33		116		30-130					
Surrogate: 2,4,6-Tribromophenol	*10.1*		mg/Kg wet	6.67		**151**	*	30-130				S-07	
Surrogate: Terphenyl-d14	*5.21*		mg/Kg wet	3.33		**156**	*	30-130				S-07	
LCS Dup (B035534-BSD1)				Prepared: 08/16/11 Analyzed: 08/17/11									
Acenaphthene	1.70	0.17	mg/Kg wet	1.67		102		40-140	1.03		30		
Acenaphthylene	1.66	0.17	mg/Kg wet	1.67		99.8		40-140	2.11		30		
Acetophenone	1.49	0.34	mg/Kg wet	1.67		89.6		40-140	8.15		30		
Aniline	0.737	0.34	mg/Kg wet	1.67		44.2		40-140	**45.6**	*	30	R-05	
Anthracene	1.76	0.17	mg/Kg wet	1.67		106		40-140	1.05		30		
Benzo(a)anthracene	1.70	0.17	mg/Kg wet	1.67		102		40-140	1.78		30		
Benzo(a)pyrene	1.66	0.17	mg/Kg wet	1.67		99.9		40-140	0.905		30		
Benzo(b)fluoranthene	1.62	0.17	mg/Kg wet	1.67		97.3		40-140	3.24		30		
Benzo(g,h,i)perylene	2.20	0.17	mg/Kg wet	1.67		132		40-140	18.3		30	V-06	
Benzo(k)fluoranthene	1.59	0.17	mg/Kg wet	1.67		95.3		40-140	2.90		30		
Bis(2-chloroethoxy)methane	1.66	0.34	mg/Kg wet	1.67		99.6		40-140	4.98		30		
Bis(2-chloroethyl)ether	1.51	0.34	mg/Kg wet	1.67		90.4		40-140	5.01		30		
Bis(2-chloroisopropyl)ether	1.40	0.34	mg/Kg wet	1.67		84.2		40-140	9.06		30		
Bis(2-Ethylhexyl)phthalate	2.14	0.34	mg/Kg wet	1.67		128		40-140	3.19		30		
4-Bromophenylphenylether	1.78	0.34	mg/Kg wet	1.67		107		40-140	5.31		30		
Butylbenzylphthalate	2.16	0.66	mg/Kg wet	1.67		129		40-140	0.386		30		
4-Chloroaniline	0.867	0.66	mg/Kg wet	1.67		52.0		15-140	**43.1**	*	30	R-05	†
2-Chloronaphthalene	1.57	0.34	mg/Kg wet	1.67		94.5		40-140	0.212		30		
2-Chlorophenol	1.61	0.34	mg/Kg wet	1.67		96.7		30-130	9.61		30		
Chrysene	1.72	0.17	mg/Kg wet	1.67		103		40-140	0.971		30		
Dibenz(a,h)anthracene	2.20	0.17	mg/Kg wet	1.67		132		40-140	16.7		30	V-06	
Dibenzofuran	1.65	0.34	mg/Kg wet	1.67		98.7		40-140	2.07		30		
Di-n-butylphthalate	1.91	0.34	mg/Kg wet	1.67		114		40-140	2.33		30		
1,2-Dichlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.8		40-140	10.0		30		
1,3-Dichlorobenzene	1.50	0.34	mg/Kg wet	1.67		90.3		40-140	9.71		30		
1,4-Dichlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.1		40-140	7.00		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 B035534 - SW-846 3546												
LCS Dup (B035534-BSD1)				Prepared: 08/16/11 Analyzed: 08/17/11								
3,3-Dichlorobenzidine	1.38	0.17	mg/Kg wet	1.67		82.6		40-140	26.3	30	V-19	
2,4-Dichlorophenol	1.74	0.34	mg/Kg wet	1.67		105		30-130	3.94	30		
Diethylphthalate	1.72	0.34	mg/Kg wet	1.67		103		40-140	3.98	30		
2,4-Dimethylphenol	1.61	0.34	mg/Kg wet	1.67		96.9		30-130	5.45	30		
Dimethylphthalate	1.77	0.66	mg/Kg wet	1.67		106		40-140	4.45	30		
2,4-Dinitrophenol	1.85	0.66	mg/Kg wet	1.67		111		15-140	6.39	30	V-19	†
2,4-Dinitrotoluene	1.78	0.34	mg/Kg wet	1.67		107		40-140	4.84	30		
2,6-Dinitrotoluene	1.79	0.34	mg/Kg wet	1.67		107		40-140	3.43	30		
Di-n-octylphthalate	1.80	0.66	mg/Kg wet	1.67		108		40-140	4.15	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.58	0.34	mg/Kg wet	1.67		94.6		40-140	6.78	30		
Fluoranthene	1.96	0.17	mg/Kg wet	1.67		118		40-140	6.65	30		
Fluorene	1.66	0.17	mg/Kg wet	1.67		99.6		40-140	3.12	30		
Hexachlorobenzene	1.85	0.34	mg/Kg wet	1.67		111		40-140	3.54	30		
Hexachlorobutadiene	1.73	0.34	mg/Kg wet	1.67		104		40-140	6.05	30		
Hexachloroethane	1.56	0.34	mg/Kg wet	1.67		93.4		40-140	10.3	30		
Indeno(1,2,3-cd)pyrene	2.08	0.17	mg/Kg wet	1.67		125		40-140	17.0	30	V-06	
Isophorone	1.55	0.34	mg/Kg wet	1.67		93.0		40-140	7.35	30		
2-Methylnaphthalene	1.58	0.17	mg/Kg wet	1.67		95.0		40-140	4.72	30		
2-Methylphenol	0.860	0.34	mg/Kg wet	1.67		51.6		30-130	8.53	30		
3/4-Methylphenol	1.26	0.34	mg/Kg wet	1.67		75.8		30-130	21.8	30		
Naphthalene	1.60	0.17	mg/Kg wet	1.67		96.1		40-140	4.32	30		
Nitrobenzene	1.55	0.34	mg/Kg wet	1.67		92.9		40-140	1.45	30		
2-Nitrophenol	1.93	0.34	mg/Kg wet	1.67		116		30-130	4.15	30		
4-Nitrophenol	1.98	0.66	mg/Kg wet	1.67		119		15-140	8.07	30		†
Pentachlorophenol	1.73	0.34	mg/Kg wet	1.67		104		30-130	1.07	30		
Phenanthrene	1.73	0.17	mg/Kg wet	1.67		104		40-140	0.346	30		
Phenol	1.64	0.34	mg/Kg wet	1.67		98.6		15-140	9.36	30		†
Pyrene	2.36	0.17	mg/Kg wet	1.67		**142**	*	40-140	2.13	30	L-07, V-06	
1,2,4-Trichlorobenzene	1.77	0.34	mg/Kg wet	1.67		106		40-140	4.99	30		
2,4,5-Trichlorophenol	0.983	0.34	mg/Kg wet	1.67		59.0		30-130	0.541	30		
2,4,6-Trichlorophenol	1.94	0.34	mg/Kg wet	1.67		116		30-130	1.52	30		
Surrogate: 2-Fluorophenol	*6.86*		mg/Kg wet	6.67		103		30-130				
Surrogate: Phenol-d6	*6.13*		mg/Kg wet	6.67		92.0		30-130				
Surrogate: Nitrobenzene-d5	*3.36*		mg/Kg wet	3.33		101		30-130				
Surrogate: 2-Fluorobiphenyl	*3.71*		mg/Kg wet	3.33		111		30-130				
Surrogate: 2,4,6-Tribromophenol	*9.83*		mg/Kg wet	6.67		**147**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*5.00*		mg/Kg wet	3.33		**150**	*	30-130			S-07	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035609 - SW-846 3546										
Blank (B035609-BLK1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		94.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.174*		mg/Kg wet	0.200		87.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.5	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035609 - SW-846 3546										
LCS (B035609-BS1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
Aldrin [2C]	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140			
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		109	40-140			
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		110	40-140			
4,4'-DDD	0.021	0.0040	mg/Kg wet	0.0200		104	40-140			
4,4'-DDD [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		105	40-140			
4,4'-DDT [2C]	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		104	40-140			
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140			
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
Endosulfan I [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
Endosulfan II	0.022	0.0080	mg/Kg wet	0.0200		108	40-140			
Endosulfan II [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		109	40-140			
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		111	40-140			
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		103	40-140			
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
Heptachlor Epoxide [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
Hexachlorobenzene	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
Hexachlorobenzene [2C]	0.020	0.0050	mg/Kg wet	0.0200		98.9	40-140			
Methoxychlor	0.022	0.050	mg/Kg wet	0.0200		110	40-140			
Methoxychlor [2C]	0.022	0.050	mg/Kg wet	0.0200		108	40-140			
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.185*		mg/Kg wet	0.200		92.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.198*		mg/Kg wet	0.200		98.8	30-150			
LCS Dup (B035609-BSD1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	1.55	30	
Aldrin [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	1.50	30	
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	2.44	30	
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	2.08	30	
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	3.45	30	
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	0.930	30	
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	1.56	30	
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140	0.192	30	
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		108	40-140	1.45	30	
gamma-BHC (Lindane) [2C]	0.021	0.0020	mg/Kg wet	0.0200		107	40-140	2.57	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035609 - SW-846 3546										
LCS Dup (B035609-BSD1)				Prepared: 08/17/11 Analyzed: 08/20/11						
4,4'-DDD	0.021	0.0040	mg/Kg wet	0.0200		106	40-140	1.62	30	
4,4'-DDD [2C]	0.022	0.0040	mg/Kg wet	0.0200		112	40-140	1.53	30	
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		110	40-140	0.646	30	
4,4'-DDE [2C]	0.023	0.0040	mg/Kg wet	0.0200		113	40-140	0.850	30	
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		106	40-140	0.885	30	
4,4'-DDT [2C]	0.022	0.0040	mg/Kg wet	0.0200		110	40-140	1.65	30	
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		105	40-140	0.320	30	
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	0.757	30	
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	0.00896	30	
Endosulfan I [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	0.472	30	
Endosulfan II	0.022	0.0080	mg/Kg wet	0.0200		110	40-140	1.65	30	
Endosulfan II [2C]	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	1.92	30	
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		111	40-140	2.39	30	
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	2.44	30	
Endrin	0.022	0.0080	mg/Kg wet	0.0200		109	40-140	0.379	30	
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	0.697	30	
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		107	40-140	1.98	30	
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		107	40-140	3.36	30	
Heptachlor	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	1.92	30	
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140	2.03	30	
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	0.0354	30	
Heptachlor Epoxide [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	0.186	30	
Hexachlorobenzene	0.021	0.0050	mg/Kg wet	0.0200		104	40-140	8.92	30	
Hexachlorobenzene [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.2	40-140	3.80	30	
Methoxychlor	0.022	0.050	mg/Kg wet	0.0200		112	40-140	1.71	30	
Methoxychlor [2C]	0.022	0.050	mg/Kg wet	0.0200		111	40-140	2.26	30	
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		91.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg wet	0.200		96.3	30-150			

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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 B035578 - SW-846 3546										
Blank (B035578-BLK1)				Prepared & Analyzed: 08/16/11						
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	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.225*		mg/Kg wet	0.200		113	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 (B035578-BS1)				Prepared & Analyzed: 08/16/11						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		123	40-140			
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		122	40-140			
Surrogate: Decachlorobiphenyl	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg wet	0.200		117	30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
LCS Dup (B035578-BSD1)				Prepared & Analyzed: 08/16/11						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140	2.08	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	2.10	30	
Aroclor-1260	0.26	0.10	mg/Kg wet	0.200		130	40-140	5.56	30	
Aroclor-1260 [2C]	0.26	0.10	mg/Kg wet	0.200		130	40-140	6.47	30	
Surrogate: Decachlorobiphenyl	*0.235*		mg/Kg wet	0.200		117	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.213*		mg/Kg wet	0.200		107	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 B035570 - SW-846 3546										
Blank (B035570-BLK1)				Prepared & Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.13*		mg/Kg wet	3.33		93.8	40-140			
LCS (B035570-BS1)				Prepared & Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	26.1	8.3	mg/Kg wet	33.3		78.2	40-140			
Surrogate: o-Terphenyl	*3.13*		mg/Kg wet	3.33		93.8	40-140			
LCS Dup (B035570-BSD1)				Prepared & Analyzed: 08/16/11						
TPH C9-C36 Hydrocarbons as Diesel	27.7	8.3	mg/Kg wet	33.3		83.2	40-140	6.24	30	
Surrogate: o-Terphenyl	*3.09*		mg/Kg wet	3.33		92.8	40-140			
Matrix Spike (B035570-MS1)	**Source: 11H0570-01**			Prepared: 08/16/11 Analyzed: 08/18/11						
TPH C9-C36 Hydrocarbons as Diesel	191	45	mg/Kg dry	36.1	164	73.9	40-140			
Surrogate: o-Terphenyl	*2.65*		mg/Kg dry	3.61		73.3	40-140			
Matrix Spike Dup (B035570-MSD1)	**Source: 11H0570-01**			Prepared: 08/16/11 Analyzed: 08/18/11						
TPH C9-C36 Hydrocarbons as Diesel	195	45	mg/Kg dry	36.2	164	87.0	40-140	2.51	30	
Surrogate: o-Terphenyl	*2.98*		mg/Kg dry	3.62		82.3	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 B035536 - SW-846 7471										
Blank (B035536-BLK1)				Prepared & Analyzed: 08/16/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B035536-BS1)				Prepared & Analyzed: 08/16/11						
Mercury	1.15	0.095	mg/Kg wet	1.25		91.7	66-132			
LCS Dup (B035536-BSD1)				Prepared & Analyzed: 08/16/11						
Mercury	1.13	0.095	mg/Kg wet	1.25		90.6	66-132	1.21	30	
Duplicate (B035536-DUP1)	**Source: 11H0570-02**			Prepared & Analyzed: 08/16/11						
Mercury	0.196	0.028	mg/Kg dry		0.216			9.50	35	
Matrix Spike (B035536-MS1)	**Source: 11H0570-02**			Prepared & Analyzed: 08/16/11						
Mercury	0.446	0.028	mg/Kg dry	0.185	0.216	125	75-125			
Batch B035649 - SW-846 3050B										
Blank (B035649-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11						
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 (B035649-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11						
Arsenic	99.0	5.1	mg/Kg wet	92.6		107	83.2-117.4			
Barium	181	5.1	mg/Kg wet	169		107	83.1-116.9			
Cadmium	66.8	0.51	mg/Kg wet	61.8		108	80.7-119.1			
Chromium	73.5	1.0	mg/Kg wet	71.3		103	80.6-119.9			
Lead	90.0	1.5	mg/Kg wet	92.4		97.4	78.9-121.1			
Selenium	93.4	10	mg/Kg wet	89.5		104	79.2-120.3			
Silver	34.7	1.0	mg/Kg wet	34.4		101	66.3-133.7			
LCS (B035649-BS2)				Prepared: 08/17/11 Analyzed: 08/18/11						
Lead	0.853	0.73	mg/Kg wet	0.734		116	80-120			
LCS Dup (B035649-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11						
Arsenic	97.4	5.1	mg/Kg wet	92.6		105	83.2-117.4	1.70	30	
Barium	183	5.1	mg/Kg wet	169		108	83.1-116.9	1.47	30	
Cadmium	67.9	0.51	mg/Kg wet	61.8		110	80.7-119.1	1.61	30	
Chromium	73.5	1.0	mg/Kg wet	71.3		103	80.6-119.9	0.0568	30	
Lead	89.1	1.5	mg/Kg wet	92.4		96.4	78.9-121.1	0.991	30	
Selenium	93.5	10	mg/Kg wet	89.5		104	79.2-120.3	0.0231	30	
Silver	33.9	1.0	mg/Kg wet	34.4		98.5	66.3-133.7	2.50	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 B035678 - SW-846 9014										
Blank (B035678-BLK1)				Prepared & Analyzed: 08/17/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B035678-BS1)				Prepared & Analyzed: 08/17/11						
Reactive Cyanide	10	0.40	mg/Kg	10.0		104	0-200			
Batch B035728 - SW-846 9030A										
Blank (B035728-BLK1)				Prepared & Analyzed: 08/17/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B035728-BS1)				Prepared & Analyzed: 08/17/11						
Reactive Sulfide	12	2.0	mg/Kg	15.2		78.9	0-200			
Batch B035830 - SM18-20 2510B										
Blank (B035830-BLK1)				Prepared & Analyzed: 08/19/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B035830-BS1)				Prepared & Analyzed: 08/19/11						
Specific conductance	140	2.0	µmhos/cm	147		98.3	78.2-106			

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BREAKDOWN REPORT

Lab Sample ID: **S000952-PEM1** **Analyzed:** **08/20/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	3.48

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	2.53

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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.
B-06	Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high 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.
O-28	Initial continuing calibration standard was within method criteria. Closing continuing calibration standard was outside of method criteria, biased on the low side. Reanalysis yielded similar non-conformance, matrix interference was confirmed.
P-02	Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
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-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME
Chloromethane	CT,NH,NY,NC,ME
2-Chlorotoluene	CT,NH,NY,NC,ME
4-Chlorotoluene	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NH,NY,NC,ME
1,3-Dichlorobenzene	CT,NH,NY,NC,ME
1,4-Dichlorobenzene	CT,NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NY,NC,ME
1,1-Dichloroethane	CT,NH,NY,NC,ME
1,2-Dichloroethane	CT,NH,NY,NC,ME
1,1-Dichloroethylene	CT,NH,NY,NC,ME
cis-1,2-Dichloroethylene	CT,NH,NY,NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME
1,2-Dichloropropane	CT,NH,NY,NC,ME
1,3-Dichloropropane	NH,NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME
Hexachlorobutadiene	NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	CT,NH,NY,NC,ME
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME
Tetrachloroethylene	CT,NH,NY,NC,ME
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME
1,1,2-Trichloroethane	CT,NH,NY,NC,ME
Trichloroethylene	CT,NH,NY,NC,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME
1,2,3-Trichloropropane	NH,NY,NC,ME
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

11H0570

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

Company Name: TRC
Address: 650 SUFFOLK ST, LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD MA
Sampled By: JF

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one): ☐FAX ☑EMAIL ☑WEBSITE CLIENT
Fax # :
Email:
Format: ☑EXCEL ☑PDF ☑GIS KEY ☐ OTHER ______

Proposal Provided? (For Billing purposes) ☐ yes ______ proposal date

State Form Required? ☐ yes ☐ no

ANALYSIS REQUESTED

# of containers											6	1	1	1	1	1	1	1	1	1	1
**Preservation											M/O	–	–	–	–	–	–	–	–	–	–
~Cont.Code											V	A	G	A	A	A	G	G	A	G	G
Field ID	Sample Description	Lab #	Date Sampled: Start Date/Time	Date Sampled: Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code			VOCs By 8260	SVOC By 8270	RCRA 8 METALS	PCBs By 8082	PESTICIDES	HERBICIDES.	IGNITABILITY / F.P. CORROSIVITY / pH.	REACTIVE SULFIDE & CYANIDE	TPH By 8100 M ~~DRO~~ (MP)	CONDUCTIVITY	TCLP RCRA 8 EXTRACT & HOLD
	STKP-B2-1	-1	8/15	8:00	✓	VOC	S	U			✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP-B2-2	-2	8/15	8:30	✓	VOC	S	U			✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

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

Client Comments:

Laboratory Comments:
*TPH8100 per Jeff S. MP 8/16/2011

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

Signature	Date/Time
Relinquished by: (signature) [signature]	8/15 12:20
Received by: (signature) [signature]	8/15/11 12:20
Relinquished by: (signature) [signature]	8/15/11 19:45
Received by: (signature) [signature] 2.3°C	8/15/11 19:45

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

Detection Limit Requirements
Regulations? TURNKEY & COMM 97
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: ______

***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

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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: MK DATE: 8.15.11

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

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 2.3°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified mitch Date 8.15 Time 19:30

7) Location where samples are stored: 109-M

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	2
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	6	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2

Bisulfate _____ # DI Water 4

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-15-11 19:26

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

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

Doc# 277

Rev. 1 May 2011

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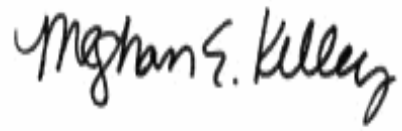
August 26, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1012

Enclosed are results of analyses for samples received by the laboratory on August 25, 2011. 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: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1012

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B2-1	11H1012-01	Soil		SW-846 1311	
				SW-846 6010C	
STKP-B2-2	11H1012-02	Soil		SW-846 1311	
				SW-846 6010C	

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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 lead was requested and reported.

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
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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1012

Date Received: 8/25/2011

Field Sample #: STKP-B2-1 | Sampled: 8/15/2011 08:00

Sample ID: 11H1012-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.17	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 14:29	KSH

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H1012

Date Received: 8/25/2011

Field Sample #: STKP-B2-2 | Sampled: 8/15/2011 08:30

Sample ID: 11H1012-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.24	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 14:40	KSH

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 8/26/2011 per SW-846 1311 in Batch B036309**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1012-01 [STKP-B2-1]	B036294	50.0	50.0	08/26/11
11H1012-02 [STKP-B2-2]	B036294	50.0	50.0	08/26/11

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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 B036294 - SW-846 3010A										
Blank (B036294-BLK1)				Prepared & Analyzed: 08/26/11						
Lead	ND	0.010	mg/L							
LCS (B036294-BS1)				Prepared & Analyzed: 08/26/11						
Lead	0.498	0.010	mg/L	0.500		99.6	80-120			
LCS Dup (B036294-BSD1)				Prepared & Analyzed: 08/26/11						
Lead	0.499	0.010	mg/L	0.500		99.8	80-120	0.194	20	
Matrix Spike (B036294-MS1)	**Source: 11H1012-01**			Prepared & Analyzed: 08/26/11						
Lead	0.696	0.010	mg/L	0.500	0.171	105	75-125			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

11/H/012 ~~H10570~~

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

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD MA
Sampled By: JF

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one):
☐ FAX ☑ EMAIL ☑ WEBSITE CLIENT
Fax #:
Email:
Format: ☑ EXCEL ☑ PDF ☑ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☐ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	VOCs by 8260	SVOC by 8270	RCRA 8 METALS	PCBs by 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. / CORROSIVITY / pH	REACTIVE SULFIDE & CYANIDE	TPH by 8100M	CONDUCTIVITY	TCLP RCRA 8 EXTRACTION	# of containers	**Preservation	-Cont.Code
	STKP-B2-1	-1	8/15	8:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	G	M/O	V
	STKP-B2-2	-2	8/15	8:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	G	M/O	V
	⊛ TCLP Lead activated per Dave S. HH 8/16																					

ANALYSIS REQUESTED

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

Client Comments:

Laboratory Comments:
⊛ TPH 8100 per Jeff S. MK 8/16/2011

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:	Received by: (signature)	Date/Time:
1		8/15 12:30		
2				8/15/11 12:20
3		8/15/11		19:45
4		8/15/11		19:45

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

Detection Limit Requirements
Regulations? TURNKey 2 / COMM 97
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

***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

Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 12:01 PM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Holly,

Thanks for the reports.

Based on these results, please proceed with the TCLP lead analyses for TRC samples STKP-B2-1 and STKP-B2-2 (11H0570) as well as samples STKP-B3-1, STKP-B3-2, STKP-B3-3 and STKP-B3-4 (11H0672).

Please proceed with the quickest available turnaround time. I believe all of these samples were submitted as "extract and hold" for TCLP, so I'm hoping that the results can be turnaround around quickly...possibly by tomorrow???

Thanks.

-Jeff

From: Holly Folsom [mailto:hfolsom@contestlabs.com]
Sent: Thursday, August 25, 2011 11:34 AM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Theresa Ferrentino'; 'Meghan Kelley'; 'Thomas E. Veratti'
Subject: RE: Misc. Authorizations

Please find attached the Draft report for 11H0672.

The final report for 11H0570 has been reported.

Please let us know if you have any other questions.

Thanks,

Holly Folsom
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-2332 x50
HFolsom@contestlabs.com

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 9:45 AM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Theresa Ferrentino'; 'Meghan Kelley'; 'Thomas E.

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P: 413-525-2332
F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: MK DATE: 8.15.11

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

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 [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

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 2.3°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified mitch Date 8.15 Time 19:30

7) Location where samples are stored: 109-M

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	2
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	6	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2

Bisulfate _____ # DI Water 4

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-15-11 19:26

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

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

Doc# 277

Rev. 1 May 2011

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H1012
Project Location: New Bedford, MA	RTN:

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

11H1012-01 thru 11H1012-02

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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: 08/26/11

Stockpile B3

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

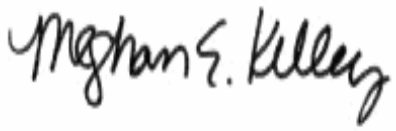
August 26, 2011

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

Project Location: NBHS Ram New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0672

Enclosed are results of analyses for samples received by the laboratory on August 17, 2011. 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: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0672

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B3-1	11H0672-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-B3-2	11H0672-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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650 Suffolk Street
Lowell, MA 01852
ATTN: David Sullivan

REPORT DATE: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0672

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B3-3	11H0672-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-B3-4	11H0672-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0672

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B3-5	11H0672-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 6010C

Qualifications:

Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.

Analyte & Samples(s) Qualified:

Silver

11H0672-05[STKP-B3-5]

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Barium

11H0672-05[STKP-B3-5], B035698-MS1

Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.

Analyte & Samples(s) Qualified:

Lead

11H0672-05[STKP-B3-5], B035698-DUP1

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met. See attached chromatogram(s).

Analyte & Samples(s) Qualified:

11H0672-01[STKP-B3-1], 11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-04[STKP-B3-4], 11H0672-05[STKP-B3-5]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B035692-MS1, B035692-MSD1

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene), trans-1,3-Dichloropropene

B035711-BS1, B035711-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:

1,1,1-Trichloroethane, Carbon Tetrachloride, n-Propylbenzene, p-Isopropyltoluene (p-Cymene)

B035711-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:

Acetone

B035711-BS1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, Dichlorodifluoromethane (Freon 12), Naphthalene

11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-04[STKP-B3-4], 11H0672-05[STKP-B3-5], B035711-BLK1, B035711-BS1, B035711-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

11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-04[STKP-B3-4], 11H0672-05[STKP-B3-5], B035711-BLK1, B035711-BS1, B035711-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:

1,3,5-Trimethylbenzene, trans-1,3-Dichloropropene

B035711-BS1, B035711-BSD1

SW-846 8270D

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:

2,4,5-Trichlorophenol, 2-Chloronaphthalene, 2-Methylphenol, 3/4-Methylphenol, 4-Chloroaniline, Aniline

11H0672-01[STKP-B3-1], 11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-04[STKP-B3-4], 11H0672-05[STKP-B3-5], B035685-BLK1, B035685-BS1, B035685-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:

3,3-Dichlorobenzidine

B035685-BSD1

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

Analyte & Samples(s) Qualified:

4-Nitrophenol, Aniline, Fluoranthene

11H0672-01[STKP-B3-1], 11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-05[STKP-B3-5], 11H0672-04[STKP-B3-4]

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:

Di-n-octylphthalate

11H0672-01[STKP-B3-1], 11H0672-02[STKP-B3-2], 11H0672-03[STKP-B3-3], 11H0672-05[STKP-B3-5]

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SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

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 8270D	8/17/11	8/19/11 12:36	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Aniline	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Anthracene	0.24	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Benzo(a)anthracene	0.72	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Benzo(a)pyrene	0.85	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Benzo(b)fluoranthene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Benzo(g,h,i)perylene	0.74	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Benzo(k)fluoranthene	0.40	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Chrysene	0.80	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Dibenz(a,h)anthracene	0.20	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1	V-20	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Fluoranthene	1.5	0.19	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Hexachlorobenzene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Indeno(1,2,3-cd)pyrene	0.88	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

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 8270D	8/17/11	8/19/11 12:36	BGL
2-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
3/4-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Phenanthrene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Phenol	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
Pyrene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 12:36	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 12:36	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	54.7	30-130		8/19/11 12:36
Phenol-d6	58.6	30-130		8/19/11 12:36
Nitrobenzene-d5	52.2	30-130		8/19/11 12:36
2-Fluorobiphenyl	45.6	30-130		8/19/11 12:36
2,4,6-Tribromophenol	56.4	30-130		8/19/11 12:36
Terphenyl-d14	63.4	30-130		8/19/11 12:36

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
gamma-BHC (Lindane) [1]	ND	0.046	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Chlordane [1]	ND	0.46	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
4,4'-DDD [1]	ND	0.091	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
4,4'-DDE [1]	ND	0.091	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
4,4'-DDT [1]	ND	0.091	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Dieldrin [1]	ND	0.091	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 12:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	133	30-150		8/24/11 12:43
Decachlorobiphenyl [2]	133	30-150		8/24/11 12:43
Tetrachloro-m-xylene [1]	116	30-150		8/24/11 12:43
Tetrachloro-m-xylene [2]	108	30-150		8/24/11 12:43

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

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 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1254 [1]	1.0	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:08	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.5	30-150		8/19/11 4:08
Decachlorobiphenyl [2]	88.3	30-150		8/19/11 4:08
Tetrachloro-m-xylene [1]	95.7	30-150		8/19/11 4:08
Tetrachloro-m-xylene [2]	104	30-150		8/19/11 4:08

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

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	47	9.5	mg/Kg dry	1		SW-846 8100 Modified	8/17/11	8/18/11 14:37	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	78.9	40-140					8/18/11 14:37

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Barium	140	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Cadmium	0.40	0.28	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Chromium	14	0.57	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Lead	100	0.85	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Mercury	0.16	0.028	mg/Kg dry	1		SW-846 7471B	8/18/11	8/19/11 11:29	CWB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	8/18/11	8/18/11 23:55	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H0672-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/18/11	8/18/11 20:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/19/11	8/19/11 12:04	SBP
pH @19.8°C	5.6		pH Units	1		SW-846 9045C	8/18/11	8/18/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/18/11	8/19/11 16:15	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/18/11	8/19/11 20:10	DEF
Specific conductance	3.7	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	87.6		% Wt	1		SM 2540G	8/17/11	8/18/11 9:41	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Bromomethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
n-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Carbon Disulfide	ND	0.0040	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Chlorodibromomethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Chloroethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Chloromethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,3-Dichloropropane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
cis-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
trans-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Diethyl Ether	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Diisopropyl Ether (DIPE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,4-Dioxane	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:22	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Methylene Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Naphthalene	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Tetrahydrofuran	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2,3-Trichlorobenzene	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2,4-Trichlorobenzene	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
Vinyl Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		8/18/11 8:22
Toluene-d8	108	70-130		8/18/11 8:22
4-Bromofluorobenzene	99.0	70-130		8/18/11 8:22

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.42	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Aniline	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Anthracene	0.71	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Benzo(a)anthracene	2.0	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Benzo(a)pyrene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Benzo(b)fluoranthene	2.6	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Benzo(g,h,i)perylene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Benzo(k)fluoranthene	0.94	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Chrysene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Dibenz(a,h)anthracene	0.41	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1	V-20	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Fluoranthene	3.4	0.19	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Fluorene	0.36	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Hexachlorobenzene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Indeno(1,2,3-cd)pyrene	1.5	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

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 8270D	8/17/11	8/19/11 13:10	BGL
2-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
3/4-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Naphthalene	0.31	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Phenanthrene	3.5	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Phenol	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
Pyrene	3.9	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:10	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:10	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	38.0	30-130		8/19/11 13:10
Phenol-d6	39.6	30-130		8/19/11 13:10
Nitrobenzene-d5	38.8	30-130		8/19/11 13:10
2-Fluorobiphenyl	35.7	30-130		8/19/11 13:10
2,4,6-Tribromophenol	43.3	30-130		8/19/11 13:10
Terphenyl-d14	40.3	30-130		8/19/11 13:10

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
gamma-BHC (Lindane) [1]	ND	0.045	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Chlordane [1]	ND	0.45	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
4,4'-DDD [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
4,4'-DDE [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
4,4'-DDT [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Dieldrin [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:01	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		8/24/11 13:01
Decachlorobiphenyl [2]	124	30-150		8/24/11 13:01
Tetrachloro-m-xylene [1]	112	30-150		8/24/11 13:01
Tetrachloro-m-xylene [2]	99.9	30-150		8/24/11 13:01

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

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 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1254 [2]	1.3	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:21	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.5	30-150		8/19/11 4:21
Decachlorobiphenyl [2]	104	30-150		8/19/11 4:21
Tetrachloro-m-xylene [1]	96.7	30-150		8/19/11 4:21
Tetrachloro-m-xylene [2]	104	30-150		8/19/11 4:21

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

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	78	9.6	mg/Kg dry	1		SW-846 8100 Modified	8/17/11	8/18/11 14:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	74.7	40-140					8/18/11 14:56

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Barium	230	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Cadmium	1.2	0.28	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Chromium	24	0.55	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Lead	240	0.83	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Mercury	0.37	0.028	mg/Kg dry	1		SW-846 7471B	8/18/11	8/19/11 11:34	CWB
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:00	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H0672-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/18/11	8/18/11 20:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/19/11	8/19/11 12:04	SBP
pH @19.7°C	5.6		pH Units	1		SW-846 9045C	8/18/11	8/18/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/18/11	8/19/11 16:15	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/18/11	8/19/11 20:10	DEF
Specific conductance	3.8	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	87.0		% Wt	1		SM 2540G	8/17/11	8/18/11 9:41	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.059	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Bromomethane	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Carbon Disulfide	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Chlorodibromomethane	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Chloroethane	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Chloromethane	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2-Dibromoethane (EDB)	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0059	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,3-Dichloropropane	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
cis-1,3-Dichloropropene	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
trans-1,3-Dichloropropene	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Diethyl Ether	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Diisopropyl Ether (DIPE)	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,4-Dioxane	ND	0.059	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:48	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Methylene Chloride	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Naphthalene	ND	0.0059	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Tetrahydrofuran	ND	0.0059	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2,3-Trichlorobenzene	ND	0.0059	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2,4-Trichlorobenzene	ND	0.0059	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
Vinyl Chloride	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 8:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		8/18/11 8:48
Toluene-d8	107	70-130		8/18/11 8:48
4-Bromofluorobenzene	101	70-130		8/18/11 8:48

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

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 8270D	8/17/11	8/19/11 13:44	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Aniline	ND	0.38	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1	V-20	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Fluoranthene	0.22	0.19	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Hexachlorobenzene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Indeno(1,2,3-cd)pyrene	0.30	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

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 8270D	8/17/11	8/19/11 13:44	BGL
2-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
3/4-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Phenol	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
Pyrene	0.30	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 13:44	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 13:44	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	49.8	30-130		8/19/11 13:44
Phenol-d6	54.4	30-130		8/19/11 13:44
Nitrobenzene-d5	48.9	30-130		8/19/11 13:44
2-Fluorobiphenyl	45.0	30-130		8/19/11 13:44
2,4,6-Tribromophenol	51.6	30-130		8/19/11 13:44
Terphenyl-d14	53.4	30-130		8/19/11 13:44

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
gamma-BHC (Lindane) [1]	ND	0.044	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Chlordane [1]	ND	0.44	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
4,4'-DDD [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
4,4'-DDE [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
4,4'-DDT [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Dieldrin [1]	ND	0.089	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:19	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		8/24/11 13:19
Decachlorobiphenyl [2]	124	30-150		8/24/11 13:19
Tetrachloro-m-xylene [1]	119	30-150		8/24/11 13:19
Tetrachloro-m-xylene [2]	110	30-150		8/24/11 13:19

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

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 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1254 [1]	0.98	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/17/11	8/19/11 4:34	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.9	30-150		8/19/11 4:34
Decachlorobiphenyl [2]	95.6	30-150		8/19/11 4:34
Tetrachloro-m-xylene [1]	99.2	30-150		8/19/11 4:34
Tetrachloro-m-xylene [2]	112	30-150		8/19/11 4:34

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

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	73	9.4	mg/Kg dry	1		SW-846 8100 Modified	8/17/11	8/18/11 15:14	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	90.1	40-140					8/18/11 15:14

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Barium	260	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Cadmium	2.1	0.28	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Chromium	19	0.56	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Lead	220	0.84	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Mercury	0.19	0.028	mg/Kg dry	1		SW-846 7471B	8/18/11	8/19/11 11:40	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:21	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H0672-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/18/11	8/18/11 20:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/19/11	8/19/11 12:04	SBP
pH @20.2°C	5.7		pH Units	1		SW-846 9045C	8/18/11	8/18/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/18/11	8/19/11 16:15	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/18/11	8/19/11 20:10	DEF
Specific conductance	3.1	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	88.3		% Wt	1		SM 2540G	8/17/11	8/18/11 9:41	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:14	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		8/18/11 9:14
Toluene-d8	103	70-130		8/18/11 9:14
4-Bromofluorobenzene	104	70-130		8/18/11 9:14

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

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 8270D	8/17/11	8/20/11 12:10	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Aniline	ND	0.38	mg/Kg dry	1	L-04, V-05	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Benzo(a)anthracene	0.22	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Benzo(a)pyrene	0.22	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Benzo(b)fluoranthene	0.26	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Chrysene	0.24	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Fluoranthene	0.38	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Hexachlorobenzene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Indeno(1,2,3-cd)pyrene	0.32	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

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 8270D	8/17/11	8/20/11 12:10	BGL
2-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
3/4-Methylphenol	ND	0.19	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Phenanthrene	0.25	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Phenol	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
Pyrene	0.45	0.19	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/20/11 12:10	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/17/11	8/20/11 12:10	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	79.5	30-130		8/20/11 12:10
Phenol-d6	84.1	30-130		8/20/11 12:10
Nitrobenzene-d5	81.7	30-130		8/20/11 12:10
2-Fluorobiphenyl	80.0	30-130		8/20/11 12:10
2,4,6-Tribromophenol	82.1	30-130		8/20/11 12:10
Terphenyl-d14	92.3	30-130		8/20/11 12:10

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:37	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	127	30-150		8/24/11 13:37
Decachlorobiphenyl [2]	129	30-150		8/24/11 13:37
Tetrachloro-m-xylene [1]	117	30-150		8/24/11 13:37
Tetrachloro-m-xylene [2]	110	30-150		8/24/11 13:37

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

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	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1254 [1]	2.0	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		8/19/11 21:01
Decachlorobiphenyl [2]	108	30-150		8/19/11 21:01
Tetrachloro-m-xylene [1]	95.5	30-150		8/19/11 21:01
Tetrachloro-m-xylene [2]	110	30-150		8/19/11 21:01

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

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	45	9.2	mg/Kg dry	1		SW-846 8100 Modified	8/17/11	8/18/11 15:33	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	76.2	40-140					8/18/11 15:33

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Barium	160	2.8	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Cadmium	0.62	0.28	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Chromium	22	0.57	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Lead	140	0.85	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Mercury	0.26	0.027	mg/Kg dry	1		SW-846 7471B	8/18/11	8/19/11 11:42	CWB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:26	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H0672-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/18/11	8/18/11 20:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/19/11	8/19/11 12:04	SBP
pH @20.6°C	5.5		pH Units	1		SW-846 9045C	8/18/11	8/18/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/18/11	8/19/11 16:15	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/18/11	8/19/11 20:10	DEF
Specific conductance	4.1	2.0	µmhos/cm	1		SM18-20 2510B	8/19/11	8/19/11 12:45	LL
% Solids	89.6		% Wt	1		SM 2540G	8/17/11	8/18/11 9:41	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Benzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Bromobenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Bromochloromethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Bromodichloromethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Bromoform	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Bromomethane	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
2-Butanone (MEK)	ND	0.019	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
sec-Butylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
tert-Butylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Carbon Disulfide	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Carbon Tetrachloride	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Chlorobenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Chlorodibromomethane	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Chloroethane	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Chloroform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Chloromethane	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
2-Chlorotoluene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
4-Chlorotoluene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2-Dibromoethane (EDB)	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Dibromomethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2-Dichlorobenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,3-Dichlorobenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,4-Dichlorobenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1-Dichloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2-Dichloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
cis-1,2-Dichloroethylene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
trans-1,2-Dichloroethylene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,3-Dichloropropane	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
2,2-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
cis-1,3-Dichloropropene	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
trans-1,3-Dichloropropene	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Diethyl Ether	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Diisopropyl Ether (DIPE)	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,4-Dioxane	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:40	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
2-Hexanone (MBK)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Isopropylbenzene (Cumene)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Methylene Chloride	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
n-Propylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Styrene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.00048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Tetrachloroethylene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Tetrahydrofuran	ND	0.0048	mg/Kg dry	1	V-16	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Toluene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2,3-Trichlorobenzene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2,4-Trichlorobenzene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1,1-Trichloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,1,2-Trichloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Trichloroethylene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2,3-Trichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,2,4-Trimethylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
1,3,5-Trimethylbenzene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
Vinyl Chloride	ND	0.0048	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
m+p Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF
o-Xylene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	8/18/11	8/18/11 9:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		8/18/11 9:40
Toluene-d8	102	70-130		8/18/11 9:40
4-Bromofluorobenzene	100	70-130		8/18/11 9:40

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

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 8270D	8/17/11	8/19/11 14:51	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Aniline	ND	0.37	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Anthracene	0.46	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Benzo(a)anthracene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Benzo(a)pyrene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Benzo(b)fluoranthene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Benzo(g,h,i)perylene	0.74	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Benzo(k)fluoranthene	0.63	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Chrysene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Dibenz(a,h)anthracene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1	V-20	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Fluoranthene	2.2	0.18	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Fluorene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Hexachlorobenzene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Indeno(1,2,3-cd)pyrene	0.98	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

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	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2-Methylphenol	ND	0.18	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
3/4-Methylphenol	ND	0.18	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Naphthalene	0.43	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1	V-05	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Phenanthrene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Phenol	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
Pyrene	2.6	0.18	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1	L-04	SW-846 8270D	8/17/11	8/19/11 14:51	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/17/11	8/19/11 14:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	36.0	30-130		8/19/11 14:51
Phenol-d6	42.7	30-130		8/19/11 14:51
Nitrobenzene-d5	36.2	30-130		8/19/11 14:51
2-Fluorobiphenyl	35.3	30-130		8/19/11 14:51
2,4,6-Tribromophenol	42.8	30-130		8/19/11 14:51
Terphenyl-d14	47.2	30-130		8/19/11 14:51

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
4,4'-DDD [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
4,4'-DDE [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
4,4'-DDT [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Dieldrin [1]	ND	0.086	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/17/11	8/24/11 13:55	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	138	30-150		8/24/11 13:55
Decachlorobiphenyl [2]	140	30-150		8/24/11 13:55
Tetrachloro-m-xylene [1]	116	30-150		8/24/11 13:55
Tetrachloro-m-xylene [2]	104	30-150		8/24/11 13:55

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

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	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1254 [1]	2.4	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/17/11	8/19/11 21:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		8/19/11 21:14
Decachlorobiphenyl [2]	107	30-150		8/19/11 21:14
Tetrachloro-m-xylene [1]	96.0	30-150		8/19/11 21:14
Tetrachloro-m-xylene [2]	109	30-150		8/19/11 21:14

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

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	66	9.1	mg/Kg dry	1		SW-846 8100 Modified	8/17/11	8/18/11 15:51	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	79.8	40-140					8/18/11 15:51

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:32	OP
Barium	200	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	8/18/11	8/19/11 0:32	OP
Cadmium	0.50	0.27	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:32	OP
Chromium	13	0.54	mg/Kg dry	1		SW-846 6010C	8/19/11	8/22/11 15:05	OP
Lead	54	0.81	mg/Kg dry	1	R-01	SW-846 6010C	8/18/11	8/19/11 0:32	OP
Mercury	0.059	0.026	mg/Kg dry	1		SW-846 7471B	8/18/11	8/19/11 11:44	CWB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	8/18/11	8/19/11 0:32	OP
Silver	ND	0.54	mg/Kg dry	1	B-06	SW-846 6010C	8/18/11	8/19/11 0:32	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0672

Date Received: 8/17/2011

Field Sample #: STKP-B3-5 | Sampled: 8/17/2011 14:20

Sample ID: 11H0672-05

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/19/11	8/19/11 20:25	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/19/11	8/19/11 12:04	SBP
pH @20.7°C	5.5		pH Units	1		SW-846 9045C	8/18/11	8/18/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/18/11	8/19/11 16:15	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/18/11	8/19/11 20:10	DEF
Specific conductance	20	2.0	µmhos/cm	1		SM18-20 2510B	8/23/11	8/23/11 12:07	SBP
% Solids	91.6		% Wt	1		SM 2540G	8/17/11	8/18/11 9:41	DBS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0672-01 [STKP-B3-1]	B035684	08/17/11
11H0672-02 [STKP-B3-2]	B035684	08/17/11
11H0672-03 [STKP-B3-3]	B035684	08/17/11
11H0672-04 [STKP-B3-4]	B035684	08/17/11
11H0672-05 [STKP-B3-5]	B035684	08/17/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0672-01 [STKP-B3-1]	B035830	1.00	08/19/11
11H0672-02 [STKP-B3-2]	B035830	1.00	08/19/11
11H0672-03 [STKP-B3-3]	B035830	1.00	08/19/11
11H0672-04 [STKP-B3-4]	B035830	1.00	08/19/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0672-05 [STKP-B3-5]	B036015	1.00	08/23/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035784	50.0	50.0	08/18/11
11H0672-02 [STKP-B3-2]	B035784	50.0	50.0	08/18/11
11H0672-03 [STKP-B3-3]	B035784	50.0	50.0	08/18/11
11H0672-04 [STKP-B3-4]	B035784	50.0	50.0	08/18/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-05 [STKP-B3-5]	B035860	50.0	50.0	08/19/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035816	50.0	50.0	08/19/11
11H0672-02 [STKP-B3-2]	B035816	50.0	50.0	08/19/11
11H0672-03 [STKP-B3-3]	B035816	50.0	50.0	08/19/11
11H0672-04 [STKP-B3-4]	B035816	50.0	50.0	08/19/11
11H0672-05 [STKP-B3-5]	B035816	50.0	50.0	08/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035698	1.01	50.0	08/18/11
11H0672-02 [STKP-B3-2]	B035698	1.04	50.0	08/18/11
11H0672-03 [STKP-B3-3]	B035698	1.01	50.0	08/18/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-04 [STKP-B3-4]	B035698	0.982	50.0	08/18/11
11H0672-05 [STKP-B3-5]	B035698	1.01	50.0	08/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-05RE1 [STKP-B3-5]	B035835	1.01	50.0	08/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035699	0.611	50.0	08/18/11
11H0672-02 [STKP-B3-2]	B035699	0.607	50.0	08/18/11
11H0672-03 [STKP-B3-3]	B035699	0.607	50.0	08/18/11
11H0672-04 [STKP-B3-4]	B035699	0.617	50.0	08/18/11
11H0672-05 [STKP-B3-5]	B035699	0.634	50.0	08/18/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035681	10.0	10.0	08/17/11
11H0672-02 [STKP-B3-2]	B035681	10.3	10.0	08/17/11
11H0672-03 [STKP-B3-3]	B035681	10.2	10.0	08/17/11
11H0672-04 [STKP-B3-4]	B035681	10.3	10.0	08/17/11
11H0672-05 [STKP-B3-5]	B035681	10.2	10.0	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035692	10.0	50.0	08/17/11
11H0672-02 [STKP-B3-2]	B035692	10.2	50.0	08/17/11
11H0672-03 [STKP-B3-3]	B035692	10.1	50.0	08/17/11
11H0672-04 [STKP-B3-4]	B035692	10.3	50.0	08/17/11
11H0672-05 [STKP-B3-5]	B035692	10.1	50.0	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035650	30.0	1.00	08/17/11
11H0672-02 [STKP-B3-2]	B035650	30.0	1.00	08/17/11
11H0672-03 [STKP-B3-3]	B035650	30.1	1.00	08/17/11
11H0672-04 [STKP-B3-4]	B035650	30.2	1.00	08/17/11
11H0672-05 [STKP-B3-5]	B035650	30.0	1.00	08/17/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-02 [STKP-B3-2]	B035711	8.53	10.0	08/18/11
11H0672-03 [STKP-B3-3]	B035711	9.55	10.0	08/18/11
11H0672-04 [STKP-B3-4]	B035711	9.13	10.0	08/18/11
11H0672-05 [STKP-B3-5]	B035711	11.4	10.0	08/18/11

Prep Method: SW-846 3580A_MS-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035685	30.2	1.00	08/17/11
11H0672-02 [STKP-B3-2]	B035685	30.1	1.00	08/17/11
11H0672-03 [STKP-B3-3]	B035685	30.2	1.00	08/17/11
11H0672-04 [STKP-B3-4]	B035685	30.0	1.00	08/17/11
11H0672-05 [STKP-B3-5]	B035685	30.1	1.00	08/17/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035777	25.6	250	08/18/11
11H0672-02 [STKP-B3-2]	B035777	25.4	250	08/18/11
11H0672-03 [STKP-B3-3]	B035777	25.3	250	08/18/11
11H0672-04 [STKP-B3-4]	B035777	25.4	250	08/18/11
11H0672-05 [STKP-B3-5]	B035777	25.6	250	08/18/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0672-01 [STKP-B3-1]	B035778	25.6	250	08/18/11
11H0672-02 [STKP-B3-2]	B035778	25.4	250	08/18/11
11H0672-03 [STKP-B3-3]	B035778	25.3	250	08/18/11
11H0672-04 [STKP-B3-4]	B035778	25.4	250	08/18/11
11H0672-05 [STKP-B3-5]	B035778	25.6	250	08/18/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0672-01 [STKP-B3-1]	B035766	20.0	08/18/11
11H0672-02 [STKP-B3-2]	B035766	20.0	08/18/11
11H0672-03 [STKP-B3-3]	B035766	20.0	08/18/11
11H0672-04 [STKP-B3-4]	B035766	20.0	08/18/11
11H0672-05 [STKP-B3-5]	B035766	20.0	08/18/11

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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 B035711 - SW-846 5035										
Blank (B035711-BLK1)				Prepared & Analyzed: 08/18/11						
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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							V-05

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 B035711 - SW-846 5035											
Blank (B035711-BLK1)				Prepared & Analyzed: 08/18/11							
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	*0.0542*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0539*		mg/Kg wet	0.0500		108	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0532*		mg/Kg wet	0.0500		106	70-130				
LCS (B035711-BS1)				Prepared & Analyzed: 08/18/11							
Acetone	0.271	0.10	mg/Kg wet	0.200		135	40-160			L-14, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0196	0.0010	mg/Kg wet	0.0200		97.8	70-130				
Benzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130				
Bromobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130				
Bromochloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Bromodichloromethane	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130				
Bromoform	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromomethane	0.0157	0.010	mg/Kg wet	0.0200		78.7	40-160				†
2-Butanone (MEK)	0.221	0.040	mg/Kg wet	0.200		111	40-160			V-16	†
n-Butylbenzene	0.0226	0.0040	mg/Kg wet	0.0200		113	70-130				
sec-Butylbenzene	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130				
tert-Butylbenzene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0172	0.0010	mg/Kg wet	0.0200		86.1	70-130				
Carbon Disulfide	0.0196	0.0060	mg/Kg wet	0.0200		97.8	70-130				
Carbon Tetrachloride	0.0255	0.0020	mg/Kg wet	0.0200		127	70-130				
Chlorobenzene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130				
Chlorodibromomethane	0.0223	0.0010	mg/Kg wet	0.0200		112	70-130				
Chloroethane	0.0195	0.010	mg/Kg wet	0.0200		97.7	70-130				
Chloroform	0.0234	0.0040	mg/Kg wet	0.0200		117	70-130				
Chloromethane	0.0150	0.010	mg/Kg wet	0.0200		74.9	40-160				†
2-Chlorotoluene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130				
4-Chlorotoluene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130				
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130				
Dibromomethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2-Dichlorobenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130				
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
1,4-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				

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 B035711 - SW-846 5035												
LCS (B035711-BS1)				Prepared & Analyzed: 08/18/11								
Dichlorodifluoromethane (Freon 12)	0.0232	0.010	mg/Kg wet	0.0200		116		40-160			V-05	†
1,1-Dichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
1,2-Dichloroethane	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1-Dichloroethylene	0.0219	0.0040	mg/Kg wet	0.0200		109		70-130				
cis-1,2-Dichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
trans-1,2-Dichloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130				
1,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130				
1,3-Dichloropropane	0.0215	0.0010	mg/Kg wet	0.0200		107		70-130				
2,2-Dichloropropane	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1-Dichloropropene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
cis-1,3-Dichloropropene	0.0222	0.0010	mg/Kg wet	0.0200		111		70-130				
trans-1,3-Dichloropropene	0.0271	0.0010	mg/Kg wet	0.0200		**135**	*	70-130			L-02, V-20	
Diethyl Ether	0.0221	0.010	mg/Kg wet	0.0200		111		70-130				
Diisopropyl Ether (DIPE)	0.0188	0.0010	mg/Kg wet	0.0200		94.1		70-130				
1,4-Dioxane	0.181	0.10	mg/Kg wet	0.200		90.7		40-160			V-16	†
Ethylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130				
Hexachlorobutadiene	0.0239	0.0040	mg/Kg wet	0.0200		120		70-130				
2-Hexanone (MBK)	0.192	0.020	mg/Kg wet	0.200		96.2		40-160				†
Isopropylbenzene (Cumene)	0.0304	0.0020	mg/Kg wet	0.0200		**152**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0259	0.0020	mg/Kg wet	0.0200		129		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0204	0.0040	mg/Kg wet	0.0200		102		70-130				
Methylene Chloride	0.0214	0.010	mg/Kg wet	0.0200		107		70-130				
4-Methyl-2-pentanone (MIBK)	0.182	0.020	mg/Kg wet	0.200		91.0		40-160				†
Naphthalene	0.0149	0.010	mg/Kg wet	0.0200		74.4		70-130			V-05	
n-Propylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		122		70-130				
Styrene	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1,1,2-Tetrachloroethane	0.0251	0.0020	mg/Kg wet	0.0200		126		70-130				
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130				
Tetrachloroethylene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130				
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		88.9		70-130			V-16	
Toluene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,2,3-Trichlorobenzene	0.0167	0.010	mg/Kg wet	0.0200		83.5		70-130			V-05	
1,2,4-Trichlorobenzene	0.0163	0.010	mg/Kg wet	0.0200		81.5		70-130			V-05	
1,1,1-Trichloroethane	0.0255	0.0020	mg/Kg wet	0.0200		127		70-130				
1,1,2-Trichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130				
Trichloroethylene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
Trichlorofluoromethane (Freon 11)	0.0223	0.010	mg/Kg wet	0.0200		112		70-130				
1,2,3-Trichloropropane	0.0193	0.0020	mg/Kg wet	0.0200		96.4		70-130				
1,2,4-Trimethylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		113		70-130				
1,3,5-Trimethylbenzene	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130			V-20	
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		87.0		70-130				
m+p Xylene	0.0460	0.0040	mg/Kg wet	0.0400		115		70-130				
o-Xylene	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0527*		mg/Kg wet	0.0500		105		70-130				
Surrogate: Toluene-d8	*0.0518*		mg/Kg wet	0.0500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0555*		mg/Kg wet	0.0500		111		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 B035711 - SW-846 5035												
LCS Dup (B035711-BSD1)				Prepared & Analyzed: 08/18/11								
Acetone	0.242	0.10	mg/Kg wet	0.200		121		40-160	11.3	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0211	0.0010	mg/Kg wet	0.0200		106		70-130	7.76	20		
Benzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	8.96	20		
Bromobenzene	0.0251	0.0020	mg/Kg wet	0.0200		126		70-130	5.49	20		
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	4.75	20		
Bromodichloromethane	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	4.86	20		
Bromoform	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	2.36	20		
Bromomethane	0.0168	0.010	mg/Kg wet	0.0200		84.1		40-160	6.63	20		†
2-Butanone (MEK)	0.201	0.040	mg/Kg wet	0.200		101		40-160	9.63	20	V-16	†
n-Butylbenzene	0.0217	0.0040	mg/Kg wet	0.0200		108		70-130	3.97	20		
sec-Butylbenzene	0.0255	0.0020	mg/Kg wet	0.0200		128		70-130	2.22	20		
tert-Butylbenzene	0.0260	0.0020	mg/Kg wet	0.0200		130		70-130	3.21	20		
tert-Butyl Ethyl Ether (TBEE)	0.0184	0.0010	mg/Kg wet	0.0200		91.8		70-130	6.41	20		
Carbon Disulfide	0.0204	0.0060	mg/Kg wet	0.0200		102		70-130	4.40	20		
Carbon Tetrachloride	0.0264	0.0020	mg/Kg wet	0.0200		**132**	*	70-130	3.70	20	L-07	
Chlorobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	1.59	20		
Chlorodibromomethane	0.0241	0.0010	mg/Kg wet	0.0200		120		70-130	7.50	20		
Chloroethane	0.0196	0.010	mg/Kg wet	0.0200		98.2		70-130	0.510	20		
Chloroform	0.0245	0.0040	mg/Kg wet	0.0200		123		70-130	4.50	20		
Chloromethane	0.0165	0.010	mg/Kg wet	0.0200		82.5		40-160	9.66	20		†
2-Chlorotoluene	0.0249	0.0020	mg/Kg wet	0.0200		125		70-130	2.03	20		
4-Chlorotoluene	0.0253	0.0020	mg/Kg wet	0.0200		126		70-130	4.86	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0040	mg/Kg wet	0.0200		103		70-130	2.95	20		
1,2-Dibromoethane (EDB)	0.0225	0.0010	mg/Kg wet	0.0200		113		70-130	5.85	20		
Dibromomethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	3.24	20		
1,2-Dichlorobenzene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	3.75	20		
1,3-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	4.64	20		
1,4-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	5.56	20		
Dichlorodifluoromethane (Freon 12)	0.0233	0.010	mg/Kg wet	0.0200		116		40-160	0.516	20	V-05	†
1,1-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	5.22	20		
1,2-Dichloroethane	0.0247	0.0020	mg/Kg wet	0.0200		124		70-130	2.70	20		
1,1-Dichloroethylene	0.0241	0.0040	mg/Kg wet	0.0200		120		70-130	9.66	20		
cis-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	2.46	20		
trans-1,2-Dichloroethylene	0.0237	0.0020	mg/Kg wet	0.0200		119		70-130	3.25	20		
1,2-Dichloropropane	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130	5.49	20		
1,3-Dichloropropane	0.0229	0.0010	mg/Kg wet	0.0200		115		70-130	6.58	20		
2,2-Dichloropropane	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130	2.80	20		
1,1-Dichloropropene	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130	6.19	20		
cis-1,3-Dichloropropene	0.0237	0.0010	mg/Kg wet	0.0200		119		70-130	6.61	20		
trans-1,3-Dichloropropene	0.0268	0.0010	mg/Kg wet	0.0200		**134**	*	70-130	1.11	20	L-02, V-20	
Diethyl Ether	0.0216	0.010	mg/Kg wet	0.0200		108		70-130	2.38	20		
Diisopropyl Ether (DIPE)	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130	8.45	20		
1,4-Dioxane	0.174	0.10	mg/Kg wet	0.200		87.0		40-160	4.17	20	V-16	†
Ethylbenzene	0.0251	0.0020	mg/Kg wet	0.0200		125		70-130	2.75	20		
Hexachlorobutadiene	0.0235	0.0040	mg/Kg wet	0.0200		118		70-130	1.52	20		
2-Hexanone (MBK)	0.197	0.020	mg/Kg wet	0.200		98.4		40-160	2.23	20		†
Isopropylbenzene (Cumene)	0.0296	0.0020	mg/Kg wet	0.0200		**148**	*	70-130	2.93	20	L-02	
p-Isopropyltoluene (p-Cymene)	0.0267	0.0020	mg/Kg wet	0.0200		**134**	*	70-130	3.12	20	L-07	
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130	4.42	20		
Methylene Chloride	0.0215	0.010	mg/Kg wet	0.0200		108		70-130	0.652	20		
4-Methyl-2-pentanone (MIBK)	0.193	0.020	mg/Kg wet	0.200		96.7		40-160	6.11	20		†
Naphthalene	0.0145	0.010	mg/Kg wet	0.0200		72.6		70-130	2.45	20	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 B035711 - SW-846 5035											
LCS Dup (B035711-BSD1)				Prepared & Analyzed: 08/18/11							
n-Propylbenzene	0.0271	0.0020	mg/Kg wet	0.0200		**136**	*	70-130	10.9	20	L-07
Styrene	0.0247	0.0020	mg/Kg wet	0.0200		123		70-130	2.96	20	
1,1,1,2-Tetrachloroethane	0.0248	0.0020	mg/Kg wet	0.0200		124		70-130	1.20	20	
1,1,2,2-Tetrachloroethane	0.0225	0.0010	mg/Kg wet	0.0200		112		70-130	2.89	20	
Tetrachloroethylene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	0.0821	20	
Tetrahydrofuran	0.0191	0.010	mg/Kg wet	0.0200		95.4		70-130	7.05	20	V-16
Toluene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	5.05	20	
1,2,3-Trichlorobenzene	0.0155	0.010	mg/Kg wet	0.0200		77.6		70-130	7.32	20	V-05
1,2,4-Trichlorobenzene	0.0158	0.010	mg/Kg wet	0.0200		79.1		70-130	2.99	20	V-05
1,1,1-Trichloroethane	0.0263	0.0020	mg/Kg wet	0.0200		**131**	*	70-130	3.02	20	L-07
1,1,2-Trichloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130	8.73	20	
Trichloroethylene	0.0252	0.0020	mg/Kg wet	0.0200		126		70-130	5.72	20	
Trichlorofluoromethane (Freon 11)	0.0228	0.010	mg/Kg wet	0.0200		114		70-130	1.95	20	
1,2,3-Trichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	4.26	20	
1,2,4-Trimethylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	3.64	20	
1,3,5-Trimethylbenzene	0.0257	0.0020	mg/Kg wet	0.0200		128		70-130	2.76	20	V-20
Vinyl Chloride	0.0180	0.010	mg/Kg wet	0.0200		89.8		70-130	3.17	20	
m+p Xylene	0.0479	0.0040	mg/Kg wet	0.0400		120		70-130	4.05	20	
o-Xylene	0.0248	0.0020	mg/Kg wet	0.0200		124		70-130	3.11	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0555*		mg/Kg wet	0.0500		111		70-130			
Surrogate: Toluene-d8	*0.0509*		mg/Kg wet	0.0500		102		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0531*		mg/Kg wet	0.0500		106		70-130			

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 B035685 - SW-846 3580A_MS										
Blank (B035685-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11						
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							L-04
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							L-04
2-Chloronaphthalene	ND	0.34	mg/Kg wet							L-04
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							L-04
3/4-Methylphenol	ND	0.34	mg/Kg wet							L-04
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							

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 B035685 - SW-846 3580A_MS												
Blank (B035685-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11								
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								L-04	
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*3.64*		mg/Kg wet	6.67		54.6		30-130				
Surrogate: Phenol-d6	*3.46*		mg/Kg wet	6.67		51.9		30-130				
Surrogate: Nitrobenzene-d5	*1.56*		mg/Kg wet	3.33		46.8		30-130				
Surrogate: 2-Fluorobiphenyl	*1.66*		mg/Kg wet	3.33		49.9		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.60*		mg/Kg wet	6.67		69.0		30-130				
Surrogate: Terphenyl-d14	*2.12*		mg/Kg wet	3.33		63.6		30-130				
LCS (B035685-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11								
Acenaphthene	0.808	0.17	mg/Kg wet	1.67		48.5		40-140				
Acenaphthylene	0.760	0.17	mg/Kg wet	1.67		45.6		40-140				
Acetophenone	0.928	0.34	mg/Kg wet	1.67		55.7		40-140				
Aniline	0.592	0.34	mg/Kg wet	1.67		**35.5**	*	40-140			L-04	
Anthracene	0.876	0.17	mg/Kg wet	1.67		52.5		40-140				
Benzo(a)anthracene	0.883	0.17	mg/Kg wet	1.67		53.0		40-140				
Benzo(a)pyrene	1.13	0.17	mg/Kg wet	1.67		67.7		40-140				
Benzo(b)fluoranthene	1.37	0.17	mg/Kg wet	1.67		82.0		40-140				
Benzo(g,h,i)perylene	0.788	0.17	mg/Kg wet	1.67		47.3		40-140				
Benzo(k)fluoranthene	1.03	0.17	mg/Kg wet	1.67		61.8		40-140				
Bis(2-chloroethoxy)methane	1.05	0.34	mg/Kg wet	1.67		63.3		40-140				
Bis(2-chloroethyl)ether	0.826	0.34	mg/Kg wet	1.67		49.6		40-140				
Bis(2-chloroisopropyl)ether	0.849	0.34	mg/Kg wet	1.67		50.9		40-140				
Bis(2-Ethylhexyl)phthalate	0.829	0.34	mg/Kg wet	1.67		49.8		40-140				
4-Bromophenylphenylether	0.949	0.34	mg/Kg wet	1.67		56.9		40-140				
Butylbenzylphthalate	0.794	0.66	mg/Kg wet	1.67		47.6		40-140				
4-Chloroaniline	0.180	0.66	mg/Kg wet	1.67		**10.8**	*	15-140			L-04	†
2-Chloronaphthalene	0.582	0.34	mg/Kg wet	1.67		**34.9**	*	40-140			L-04	
2-Chlorophenol	0.871	0.34	mg/Kg wet	1.67		52.3		30-130				
Chrysene	0.778	0.17	mg/Kg wet	1.67		46.7		40-140				
Dibenz(a,h)anthracene	0.967	0.17	mg/Kg wet	1.67		58.0		40-140				
Dibenzofuran	0.847	0.34	mg/Kg wet	1.67		50.8		40-140				
Di-n-butylphthalate	0.946	0.34	mg/Kg wet	1.67		56.7		40-140				
1,2-Dichlorobenzene	0.851	0.34	mg/Kg wet	1.67		51.0		40-140				
1,3-Dichlorobenzene	0.784	0.34	mg/Kg wet	1.67		47.0		40-140				
1,4-Dichlorobenzene	0.844	0.34	mg/Kg wet	1.67		50.6		40-140				
3,3-Dichlorobenzidine	0.670	0.17	mg/Kg wet	1.67		40.2		40-140				
2,4-Dichlorophenol	0.810	0.34	mg/Kg wet	1.67		48.6		30-130				
Diethylphthalate	0.842	0.34	mg/Kg wet	1.67		50.5		40-140				
2,4-Dimethylphenol	0.847	0.34	mg/Kg wet	1.67		50.8		30-130				
Dimethylphthalate	0.806	0.66	mg/Kg wet	1.67		48.4		40-140				
2,4-Dinitrophenol	0.819	0.66	mg/Kg wet	1.67		49.1		15-140				†
2,4-Dinitrotoluene	0.811	0.34	mg/Kg wet	1.67		48.7		40-140				
2,6-Dinitrotoluene	0.756	0.34	mg/Kg wet	1.67		45.4		40-140				
Di-n-octylphthalate	1.15	0.66	mg/Kg wet	1.67		68.8		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.34	mg/Kg wet	1.67		51.5		40-140				
Fluoranthene	0.942	0.17	mg/Kg wet	1.67		56.5		40-140				
Fluorene	0.894	0.17	mg/Kg wet	1.67		53.7		40-140				
Hexachlorobenzene	1.02	0.34	mg/Kg wet	1.67		61.5		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 B035685 - SW-846 3580A_MS												
LCS (B035685-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11								
Hexachlorobutadiene	1.02	0.34	mg/Kg wet	1.67		60.9		40-140				
Hexachloroethane	0.968	0.34	mg/Kg wet	1.67		58.1		40-140				
Indeno(1,2,3-cd)pyrene	0.897	0.17	mg/Kg wet	1.67		53.8		40-140				
Isophorone	0.786	0.34	mg/Kg wet	1.67		47.1		40-140				
2-Methylnaphthalene	1.11	0.17	mg/Kg wet	1.67		66.3		40-140				
2-Methylphenol	0.447	0.34	mg/Kg wet	1.67		**26.8**	*	30-130			L-04	
3/4-Methylphenol	0.397	0.34	mg/Kg wet	1.67		**23.8**	*	30-130			L-04	
Naphthalene	0.819	0.17	mg/Kg wet	1.67		49.1		40-140				
Nitrobenzene	1.06	0.34	mg/Kg wet	1.67		63.8		40-140				
2-Nitrophenol	0.770	0.34	mg/Kg wet	1.67		46.2		30-130				
4-Nitrophenol	1.06	0.66	mg/Kg wet	1.67		63.7		15-140				†
Pentachlorophenol	0.936	0.34	mg/Kg wet	1.67		56.2		30-130				
Phenanthrene	0.842	0.17	mg/Kg wet	1.67		50.5		40-140				
Phenol	0.718	0.34	mg/Kg wet	1.67		43.1		15-140				†
Pyrene	0.813	0.17	mg/Kg wet	1.67		48.8		40-140				
1,2,4-Trichlorobenzene	0.874	0.34	mg/Kg wet	1.67		52.4		40-140				
2,4,5-Trichlorophenol	0.440	0.34	mg/Kg wet	1.67		**26.4**	*	30-130			L-04	
2,4,6-Trichlorophenol	0.849	0.34	mg/Kg wet	1.67		51.0		30-130				
Surrogate: 2-Fluorophenol	*3.81*		mg/Kg wet	6.67		57.1		30-130				
Surrogate: Phenol-d6	*3.58*		mg/Kg wet	6.67		53.7		30-130				
Surrogate: Nitrobenzene-d5	*1.68*		mg/Kg wet	3.33		50.6		30-130				
Surrogate: 2-Fluorobiphenyl	*1.78*		mg/Kg wet	3.33		53.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*5.16*		mg/Kg wet	6.67		77.4		30-130				
Surrogate: Terphenyl-d14	*2.02*		mg/Kg wet	3.33		60.7		30-130				
LCS Dup (B035685-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11								
Acenaphthene	0.789	0.17	mg/Kg wet	1.67		47.3		40-140	2.46	30		
Acenaphthylene	0.762	0.17	mg/Kg wet	1.67		45.7		40-140	0.175	30		
Acetophenone	0.931	0.34	mg/Kg wet	1.67		55.9		40-140	0.394	30		
Aniline	0.584	0.34	mg/Kg wet	1.67		**35.0**	*	40-140	1.42	30	L-04	
Anthracene	0.845	0.17	mg/Kg wet	1.67		50.7		40-140	3.60	30		
Benzo(a)anthracene	0.837	0.17	mg/Kg wet	1.67		50.2		40-140	5.35	30		
Benzo(a)pyrene	1.08	0.17	mg/Kg wet	1.67		64.8		40-140	4.41	30		
Benzo(b)fluoranthene	1.30	0.17	mg/Kg wet	1.67		78.1		40-140	4.90	30		
Benzo(g,h,i)perylene	0.767	0.17	mg/Kg wet	1.67		46.0		40-140	2.70	30		
Benzo(k)fluoranthene	0.977	0.17	mg/Kg wet	1.67		58.6		40-140	5.35	30		
Bis(2-chloroethoxy)methane	1.07	0.34	mg/Kg wet	1.67		64.3		40-140	1.57	30		
Bis(2-chloroethyl)ether	0.819	0.34	mg/Kg wet	1.67		49.1		40-140	0.932	30		
Bis(2-chloroisopropyl)ether	0.863	0.34	mg/Kg wet	1.67		51.8		40-140	1.60	30		
Bis(2-Ethylhexyl)phthalate	0.791	0.34	mg/Kg wet	1.67		47.5		40-140	4.73	30		
4-Bromophenylphenylether	0.905	0.34	mg/Kg wet	1.67		54.3		40-140	4.71	30		
Butylbenzylphthalate	0.767	0.66	mg/Kg wet	1.67		46.0		40-140	3.37	30		
4-Chloroaniline	0.168	0.66	mg/Kg wet	1.67		**10.1**	*	15-140	6.90	30	L-04	†
2-Chloronaphthalene	0.573	0.34	mg/Kg wet	1.67		**34.4**	*	40-140	1.62	30	L-04	
2-Chlorophenol	0.878	0.34	mg/Kg wet	1.67		52.7		30-130	0.724	30		
Chrysene	0.751	0.17	mg/Kg wet	1.67		45.1		40-140	3.44	30		
Dibenz(a,h)anthracene	0.935	0.17	mg/Kg wet	1.67		56.1		40-140	3.40	30		
Dibenzofuran	0.818	0.34	mg/Kg wet	1.67		49.1		40-140	3.56	30		
Di-n-butylphthalate	0.906	0.34	mg/Kg wet	1.67		54.4		40-140	4.28	30		
1,2-Dichlorobenzene	0.867	0.34	mg/Kg wet	1.67		52.0		40-140	1.90	30		
1,3-Dichlorobenzene	0.796	0.34	mg/Kg wet	1.67		47.7		40-140	1.48	30		
1,4-Dichlorobenzene	0.839	0.34	mg/Kg wet	1.67		50.3		40-140	0.594	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 B035685 - SW-846 3580A_MS												
LCS Dup (B035685-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11								
3,3-Dichlorobenzidine	0.629	0.17	mg/Kg wet	1.67		**37.8**	*	40-140	6.31	30	L-07	
2,4-Dichlorophenol	0.834	0.34	mg/Kg wet	1.67		50.0		30-130	2.92	30		
Diethylphthalate	0.818	0.34	mg/Kg wet	1.67		49.1		40-140	2.89	30		
2,4-Dimethylphenol	0.868	0.34	mg/Kg wet	1.67		52.1		30-130	2.41	30		
Dimethylphthalate	0.773	0.66	mg/Kg wet	1.67		46.4		40-140	4.18	30		
2,4-Dinitrophenol	0.760	0.66	mg/Kg wet	1.67		45.6		15-140	7.43	30		†
2,4-Dinitrotoluene	0.784	0.34	mg/Kg wet	1.67		47.0		40-140	3.47	30		
2,6-Dinitrotoluene	0.740	0.34	mg/Kg wet	1.67		44.4		40-140	2.14	30		
Di-n-octylphthalate	1.06	0.66	mg/Kg wet	1.67		63.6		40-140	7.76	30		
1,2-Diphenylhydrazine (as Azobenzene)	0.838	0.34	mg/Kg wet	1.67		50.3		40-140	2.47	30		
Fluoranthene	0.921	0.17	mg/Kg wet	1.67		55.3		40-140	2.22	30		
Fluorene	0.860	0.17	mg/Kg wet	1.67		51.6		40-140	3.95	30		
Hexachlorobenzene	0.994	0.34	mg/Kg wet	1.67		59.6		40-140	3.04	30		
Hexachlorobutadiene	1.01	0.34	mg/Kg wet	1.67		60.8		40-140	0.230	30		
Hexachloroethane	0.977	0.34	mg/Kg wet	1.67		58.6		40-140	0.925	30		
Indeno(1,2,3-cd)pyrene	0.858	0.17	mg/Kg wet	1.67		51.5		40-140	4.41	30		
Isophorone	0.809	0.34	mg/Kg wet	1.67		48.6		40-140	2.97	30		
2-Methylnaphthalene	1.13	0.17	mg/Kg wet	1.67		68.1		40-140	2.59	30		
2-Methylphenol	0.472	0.34	mg/Kg wet	1.67		**28.3**	*	30-130	5.51	30	L-04	
3/4-Methylphenol	0.411	0.34	mg/Kg wet	1.67		**24.6**	*	30-130	3.30	30	L-04	
Naphthalene	0.836	0.17	mg/Kg wet	1.67		50.1		40-140	2.06	30		
Nitrobenzene	1.06	0.34	mg/Kg wet	1.67		63.7		40-140	0.251	30		
2-Nitrophenol	0.785	0.34	mg/Kg wet	1.67		47.1		30-130	1.89	30		
4-Nitrophenol	0.970	0.66	mg/Kg wet	1.67		58.2		15-140	9.06	30		†
Pentachlorophenol	0.898	0.34	mg/Kg wet	1.67		53.9		30-130	4.11	30		
Phenanthrene	0.807	0.17	mg/Kg wet	1.67		48.4		40-140	4.21	30		
Phenol	0.729	0.34	mg/Kg wet	1.67		43.8		15-140	1.52	30		†
Pyrene	0.789	0.17	mg/Kg wet	1.67		47.3		40-140	3.00	30		
1,2,4-Trichlorobenzene	0.863	0.34	mg/Kg wet	1.67		51.8		40-140	1.19	30		
2,4,5-Trichlorophenol	0.423	0.34	mg/Kg wet	1.67		**25.4**	*	30-130	3.94	30	L-04	
2,4,6-Trichlorophenol	0.817	0.34	mg/Kg wet	1.67		49.0		30-130	3.92	30		
Surrogate: 2-Fluorophenol	*3.78*		mg/Kg wet	6.67		56.8		30-130				
Surrogate: Phenol-d6	*3.51*		mg/Kg wet	6.67		52.7		30-130				
Surrogate: Nitrobenzene-d5	*1.65*		mg/Kg wet	3.33		49.4		30-130				
Surrogate: 2-Fluorobiphenyl	*1.69*		mg/Kg wet	3.33		50.6		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.79*		mg/Kg wet	6.67		71.9		30-130				
Surrogate: Terphenyl-d14	*1.97*		mg/Kg wet	3.33		59.1		30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035681 - SW-846 3546										
Blank (B035681-BLK1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.160*		mg/Kg wet	0.200		79.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.177*		mg/Kg wet	0.200		88.5	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035681 - SW-846 3546										
LCS (B035681-BS1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Aldrin [2C]	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
beta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		104	40-140			
gamma-BHC (Lindane) [2C]	0.021	0.0020	mg/Kg wet	0.0200		106	40-140			
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
4,4'-DDD [2C]	0.021	0.0040	mg/Kg wet	0.0200		107	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDT	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		106	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
Dieldrin [2C]	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
Endosulfan I	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Endosulfan I [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Endosulfan II	0.022	0.0080	mg/Kg wet	0.0200		109	40-140			
Endosulfan II [2C]	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		111	40-140			
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		109	40-140			
Endrin	0.023	0.0080	mg/Kg wet	0.0200		113	40-140			
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Endrin Ketone [2C]	0.020	0.0080	mg/Kg wet	0.0200		102	40-140			
Heptachlor	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Heptachlor Epoxide	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Hexachlorobenzene	0.022	0.0050	mg/Kg wet	0.0200		111	40-140			
Hexachlorobenzene [2C]	0.020	0.0050	mg/Kg wet	0.0200		102	40-140			
Methoxychlor	0.022	0.050	mg/Kg wet	0.0200		109	40-140			
Methoxychlor [2C]	0.022	0.050	mg/Kg wet	0.0200		110	40-140			
Surrogate: Decachlorobiphenyl	*0.174*		mg/Kg wet	0.200		86.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.184*		mg/Kg wet	0.200		92.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.163*		mg/Kg wet	0.200		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg wet	0.200		91.3	30-150			
LCS Dup (B035681-BSD1)				Prepared: 08/17/11 Analyzed: 08/20/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	6.42	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	6.92	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	6.35	30	
alpha-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	6.80	30	
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	5.89	30	
beta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	6.73	30	
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	3.35	30	
delta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	7.06	30	
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		111	40-140	6.21	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		113	40-140	6.49	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035681 - SW-846 3546										
LCS Dup (B035681-BSD1)				Prepared: 08/17/11 Analyzed: 08/20/11						
4,4'-DDD	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	6.97	30	
4,4'-DDD [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	7.92	30	
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	6.95	30	
4,4'-DDE [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	7.33	30	
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	5.43	30	
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		114	40-140	6.90	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	7.10	30	
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	7.49	30	
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	6.35	30	
Endosulfan I [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	7.07	30	
Endosulfan II	0.023	0.0080	mg/Kg wet	0.0200		117	40-140	6.52	30	
Endosulfan II [2C]	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	7.19	30	
Endosulfan Sulfate	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	6.28	30	
Endosulfan Sulfate [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140	7.30	30	
Endrin	0.024	0.0080	mg/Kg wet	0.0200		121	40-140	7.35	30	
Endrin [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	7.73	30	
Endrin Ketone	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	6.68	30	
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140	7.17	30	
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	6.32	30	
Heptachlor [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	6.57	30	
Heptachlor Epoxide	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	6.65	30	
Heptachlor Epoxide [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	6.81	30	
Hexachlorobenzene	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	5.35	30	
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	5.65	30	
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		122	40-140	11.6	30	
Methoxychlor [2C]	0.023	0.050	mg/Kg wet	0.0200		117	40-140	6.51	30	
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.169*		mg/Kg wet	0.200		84.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		95.8	30-150			

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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 B035692 - SW-846 3546										
Blank (B035692-BLK1)				Prepared: 08/17/11 Analyzed: 08/19/11						
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	*0.174*		mg/Kg wet	0.200		87.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg wet	0.200		96.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.212*		mg/Kg wet	0.200		106	30-150			
LCS (B035692-BS1)				Prepared: 08/17/11 Analyzed: 08/19/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		118	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		96.6	40-140			
Aroclor-1260	0.16	0.10	mg/Kg wet	0.200		82.1	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		88.2	40-140			
Surrogate: Decachlorobiphenyl	*0.160*		mg/Kg wet	0.200		79.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.7	30-150			
LCS Dup (B035692-BSD1)				Prepared: 08/17/11 Analyzed: 08/19/11						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		87.9	40-140	29.0	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		97.3	40-140	0.781	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		85.6	40-140	4.17	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		92.0	40-140	4.21	30	
Surrogate: Decachlorobiphenyl	*0.164*		mg/Kg wet	0.200		82.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg wet	0.200		82.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			

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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 B035692 - SW-846 3546											
Matrix Spike (B035692-MS1)	**Source: 11H0672-01**			Prepared: 08/17/11 Analyzed: 08/19/11							
Aroclor-1016	0.71	0.11	mg/Kg dry	0.226	ND	**313**	*	40-140			MS-21
Aroclor-1016 [2C]	0.72	0.11	mg/Kg dry	0.226	ND	**318**	*	40-140			MS-21
Aroclor-1260	0.59	0.11	mg/Kg dry	0.226	ND	**263**	*	40-140			MS-21
Aroclor-1260 [2C]	0.49	0.11	mg/Kg dry	0.226	ND	**215**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg dry	0.226		84.8		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg dry	0.226		85.6		30-150			
Surrogate: Tetrachloro-m-xylene	*0.207*		mg/Kg dry	0.226		91.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg dry	0.226		99.7		30-150			
Matrix Spike Dup (B035692-MSD1)	**Source: 11H0672-01**			Prepared: 08/17/11 Analyzed: 08/19/11							
Aroclor-1016	0.91	0.11	mg/Kg dry	0.226	ND	**401**	*	40-140	24.8	50	MS-21
Aroclor-1016 [2C]	0.72	0.11	mg/Kg dry	0.226	ND	**318**	*	40-140	0.230	50	MS-21
Aroclor-1260	0.59	0.11	mg/Kg dry	0.226	ND	**260**	*	40-140	1.16	50	MS-21
Aroclor-1260 [2C]	0.48	0.11	mg/Kg dry	0.226	ND	**214**	*	40-140	0.367	50	MS-21
Surrogate: Decachlorobiphenyl	*0.205*		mg/Kg dry	0.226		90.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.209*		mg/Kg dry	0.226		92.6		30-150			
Surrogate: Tetrachloro-m-xylene	*0.219*		mg/Kg dry	0.226		97.1		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.233*		mg/Kg dry	0.226		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 B035650 - SW-846 3546										
Blank (B035650-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.19*		mg/Kg wet	3.33		95.6	40-140			
LCS (B035650-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11						
TPH C9-C36 Hydrocarbons as Diesel	26.2	8.3	mg/Kg wet	33.3		78.6	40-140			
Surrogate: o-Terphenyl	*3.11*		mg/Kg wet	3.33		93.2	40-140			
LCS Dup (B035650-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11						
TPH C9-C36 Hydrocarbons as Diesel	27.5	8.3	mg/Kg wet	33.3		82.6	40-140	5.05	30	
Surrogate: o-Terphenyl	*3.31*		mg/Kg wet	3.33		99.4	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 B035698 - SW-846 3050B												
Blank (B035698-BLK1)				Prepared & Analyzed: 08/18/11								
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 (B035698-BS1)				Prepared & Analyzed: 08/18/11								
Arsenic	90.5	4.8	mg/Kg wet	92.6		97.8		83.2-117.4				
Barium	164	4.8	mg/Kg wet	169		97.3		83.1-116.9				
Cadmium	60.6	0.48	mg/Kg wet	61.8		98.1		80.7-119.1				
Chromium	67.8	0.96	mg/Kg wet	71.3		95.1		80.6-119.9				
Lead	90.1	1.4	mg/Kg wet	92.4		97.5		78.9-121.1				
Selenium	77.5	9.6	mg/Kg wet	89.5		86.6		79.2-120.3				
Silver	33.7	0.96	mg/Kg wet	34.4		98.0		66.3-133.7				
LCS (B035698-BS2)				Prepared & Analyzed: 08/18/11								
Lead	0.890	0.75	mg/Kg wet	0.751		119		80-120				
LCS Dup (B035698-BSD1)				Prepared & Analyzed: 08/18/11								
Arsenic	89.8	4.8	mg/Kg wet	92.6		97.0		83.2-117.4	0.822		30	
Barium	171	4.8	mg/Kg wet	169		101		83.1-116.9	4.01		30	
Cadmium	61.9	0.48	mg/Kg wet	61.8		100		80.7-119.1	2.13		30	
Chromium	68.3	0.95	mg/Kg wet	71.3		95.8		80.6-119.9	0.808		30	
Lead	89.7	1.4	mg/Kg wet	92.4		97.0		78.9-121.1	0.454		30	
Selenium	76.5	9.5	mg/Kg wet	89.5		85.5		79.2-120.3	1.28		30	
Silver	33.7	0.95	mg/Kg wet	34.4		97.8		66.3-133.7	0.115		30	
Duplicate (B035698-DUP1)	**Source: 11H0672-05**			Prepared: 08/18/11 Analyzed: 08/19/11								
Arsenic	ND	2.7	mg/Kg dry		ND				NC		35	
Barium	251	2.7	mg/Kg dry		203				21.2		35	
Cadmium	0.456	0.27	mg/Kg dry		0.496				8.47		35	
Lead	94.3	0.82	mg/Kg dry		54.2				**54.0**	*	35	R-01
Selenium	ND	5.5	mg/Kg dry		ND				NC		35	
Silver	ND	0.55	mg/Kg dry		ND				NC		35	
Matrix Spike (B035698-MS1)	**Source: 11H0672-05**			Prepared: 08/18/11 Analyzed: 08/19/11								
Arsenic	25.9	2.7	mg/Kg dry	26.9	1.91	89.3		75-125				
Barium	163	2.7	mg/Kg dry	26.9	203	**-148**	*	75-125				MS-19
Cadmium	25.8	0.27	mg/Kg dry	26.9	0.496	94.2		75-125				
Lead	78.1	0.81	mg/Kg dry	26.9	54.2	89.1		75-125				
Selenium	20.8	5.4	mg/Kg dry	26.9	ND	77.3		75-125				
Silver	24.5	0.54	mg/Kg dry	26.9	ND	90.9		75-125				

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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 B035699 - SW-846 7471										
Blank (B035699-BLK1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B035699-BS1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Mercury	1.14	0.095	mg/Kg wet	1.25		91.5	66-132			
LCS Dup (B035699-BSD1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Mercury	1.11	0.095	mg/Kg wet	1.25		88.6	66-132	3.30	30	
Duplicate (B035699-DUP1)		**Source: 11H0672-01**		Prepared: 08/18/11 Analyzed: 08/19/11						
Mercury	0.153	0.028	mg/Kg dry		0.156			2.22	35	
Matrix Spike (B035699-MS1)		**Source: 11H0672-01**		Prepared: 08/18/11 Analyzed: 08/19/11						
Mercury	0.378	0.028	mg/Kg dry	0.187	0.156	118	75-125			
Batch B035835 - SW-846 3050B										
Blank (B035835-BLK1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Chromium	ND	0.50	mg/Kg wet							
LCS (B035835-BS1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Chromium	72.8	1.0	mg/Kg wet	71.3		102	80.6-119.9			
LCS Dup (B035835-BSD1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Chromium	75.6	1.0	mg/Kg wet	71.3		106	80.6-119.9	3.78	30	
Duplicate (B035835-DUP1)		**Source: 11H0672-05RE1**		Prepared: 08/19/11 Analyzed: 08/22/11						
Chromium	14.3	0.54	mg/Kg dry		12.5			13.2	35	
Matrix Spike (B035835-MS1)		**Source: 11H0672-05RE1**		Prepared: 08/19/11 Analyzed: 08/22/11						
Chromium	41.9	0.55	mg/Kg dry	27.4	12.5	107	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 B035777 - SW-846 9014										
Blank (B035777-BLK1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B035777-BS1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Reactive Cyanide	9.9	0.40	mg/Kg	10.0		98.9	0-200			
Batch B035778 - SW-846 9030A										
Blank (B035778-BLK1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B035778-BS1)				Prepared: 08/18/11 Analyzed: 08/19/11						
Reactive Sulfide	11	2.0	mg/Kg	15.2		71.1	0-200			
Batch B035784 - SW-846 1010										
Blank (B035784-BLK1)				Prepared & Analyzed: 08/18/11						
Flashpoint	> 212 °F		°F							
LCS (B035784-BS1)				Prepared & Analyzed: 08/18/11						
Flashpoint	82		°F	81.0		101	98.8-101			
LCS Dup (B035784-BSD1)				Prepared & Analyzed: 08/18/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	1.11	1.57	
Batch B035830 - SM18-20 2510B										
Blank (B035830-BLK1)				Prepared & Analyzed: 08/19/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B035830-BS1)				Prepared & Analyzed: 08/19/11						
Specific conductance	140	2.0	µmhos/cm	147		98.3	78.2-106			
Duplicate (B035830-DUP2)		**Source: 11H0672-04**		Prepared & Analyzed: 08/19/11						
Specific conductance	4.1	2.0	µmhos/cm		4.1			0.980	19.1	
Batch B035860 - SW-846 1010										
Blank (B035860-BLK1)				Prepared & Analyzed: 08/19/11						
Flashpoint	> 212 °F		°F							

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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 B035860 - SW-846 1010										
LCS (B035860-BS1)				Prepared & Analyzed: 08/19/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B035860-BSD1)				Prepared & Analyzed: 08/19/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	
Batch B036015 - SM18-20 2510B										
Blank (B036015-BLK1)				Prepared & Analyzed: 08/23/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B036015-BS1)				Prepared & Analyzed: 08/23/11						
Specific conductance	140	2.0	µmhos/cm	147		94.1	78.2-106			
Duplicate (B036015-DUP1)	**Source: 11H0672-05**			Prepared & Analyzed: 08/23/11						
Specific conductance	17	2.0	µmhos/cm		20			13.1	19.1	

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BREAKDOWN REPORT

Lab Sample ID:	S000957-PEM1	Analyzed:	08/20/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.38
Endrin [1]	5.03

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	4.78

BREAKDOWN REPORT

Lab Sample ID:	S000972-PEM1	Analyzed:	08/24/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.11
Endrin [1]	2.71

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	3.90

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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.
B-06	Continuing calibration blank did not meet method specified criteria. Data is not affected since all associated samples were "Not Detected" even though CCB value was above the reporting limit.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-01	Duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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-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	Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met. See attached chromatogram(s).

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

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East longmeadow, MA 01028

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1110672

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS RAM NEW BEDFORD
Sampled By: JASON FIERO

Telephone: 978 970 5600
Project # 115058
Client PO#

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

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

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	VOCs 8260	SVOCs 8270	RCRA 8 Metals	PCBs 8082	Pesticides	Herbicides	Ignitability/FP, Corrosivity/pH, Reactive Cyanide & Sulfides	TPH by 8100 Mod DRO	Conductivity	TCLP RCRA 8 Extract & Hold
-01	STKP - B3-1	8/17	12:40	✓			4		✓	✓	✓	✓	H	✓	✓	✓	✓
-02	STKP - B3-2	"	13:20	✓	VOC		4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓
-03	STKP - B3-3	"	13:40	✓	VOC		4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓
-04	STKP - B3-4	"	14:00	✓	VOC		4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓
-05	STKP - B3-5	"	14:20	✓	VOC		4	✓	✓	✓	✓	✓	H	J	✓	✓	✓
	08-17-11 19:55 IN																

# of Containers	12	15									
** Preservation											
***Container Code	✓	A	A	A	A	A	A	A	A	A	A

ANALYSIS REQUESTED

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 CONTACT JEFF SAUNDERS OR DENNIS TO CONFIRM PO# AND T.A.T.

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:
[signature]	8/17 17:32
Received by: (signature) [signature]	Date/Time: 8.17 1732
Relinquished by: (signature) [signature]	Date/Time: 8.17.11 1915
Received by: (signature) [signature] 20°C	Date/Time: 8/17/11 19:55

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

Detection Limit Requirements
Massachusetts: TURNKEY & COMM 97
Connecticut:
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

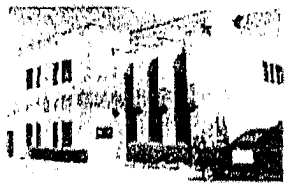
†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: [signature] DATE: 8/17/11

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

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 2.0 °C

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

Who was notified _____ Date _____ Time _____

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

Who was notified N/A Date 8/17/11 Time 1a

7) 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	
250 mL Amber (8oz amber)	15	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4

Bisulfate _____ # DI Water 8

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-17-11 19:55 IN

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

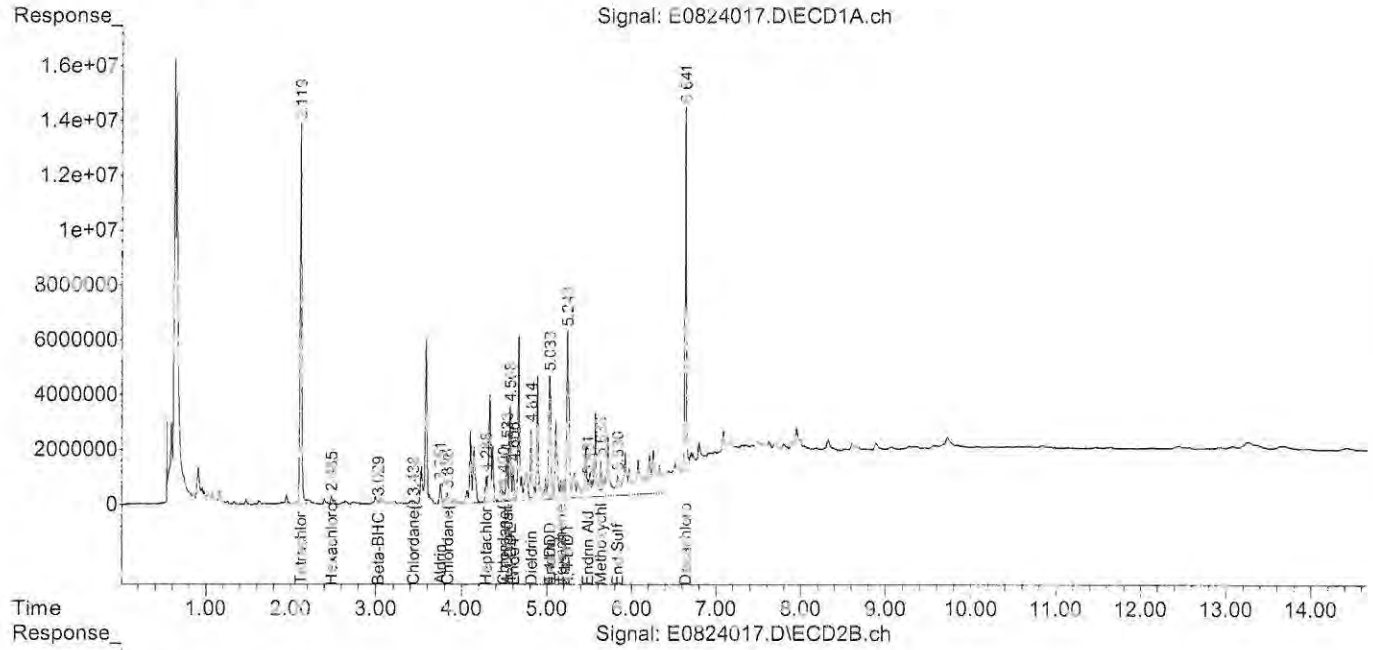
Do all samples have the proper Base pH: Yes No N/A _____

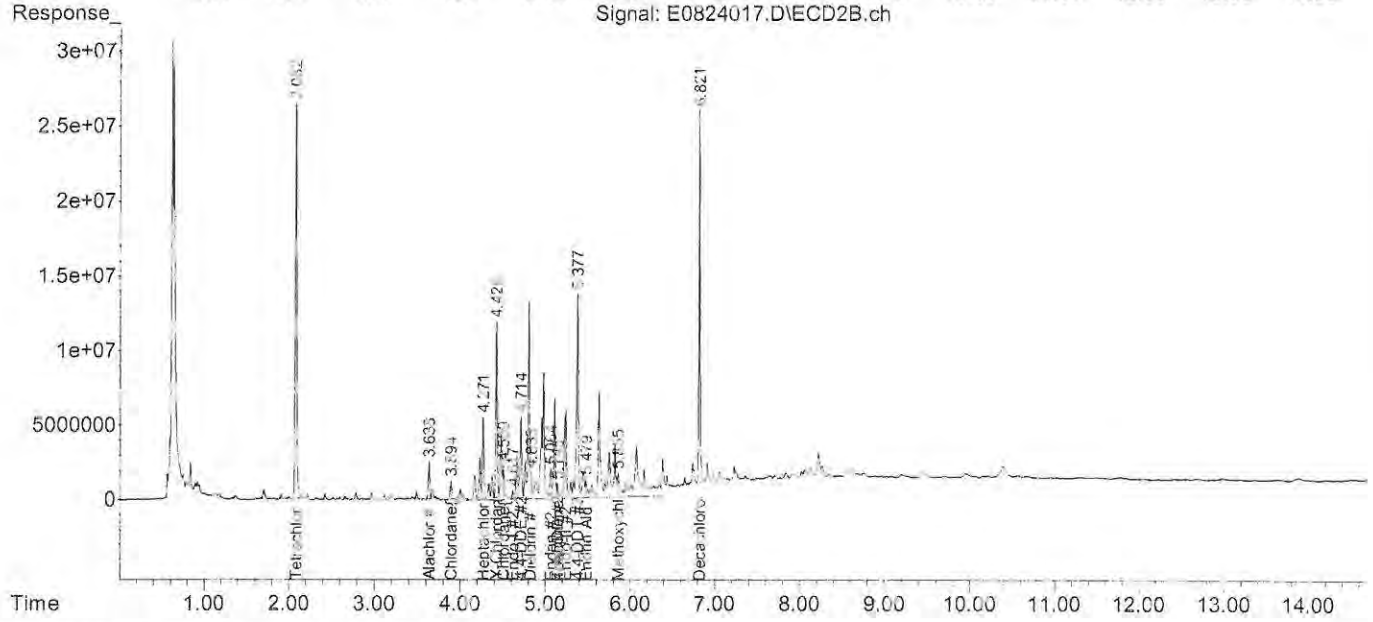
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 12:43 pm
Operator : JMB
Sample : 11H0672-01620X Inst : ECD 5
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:14:42 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



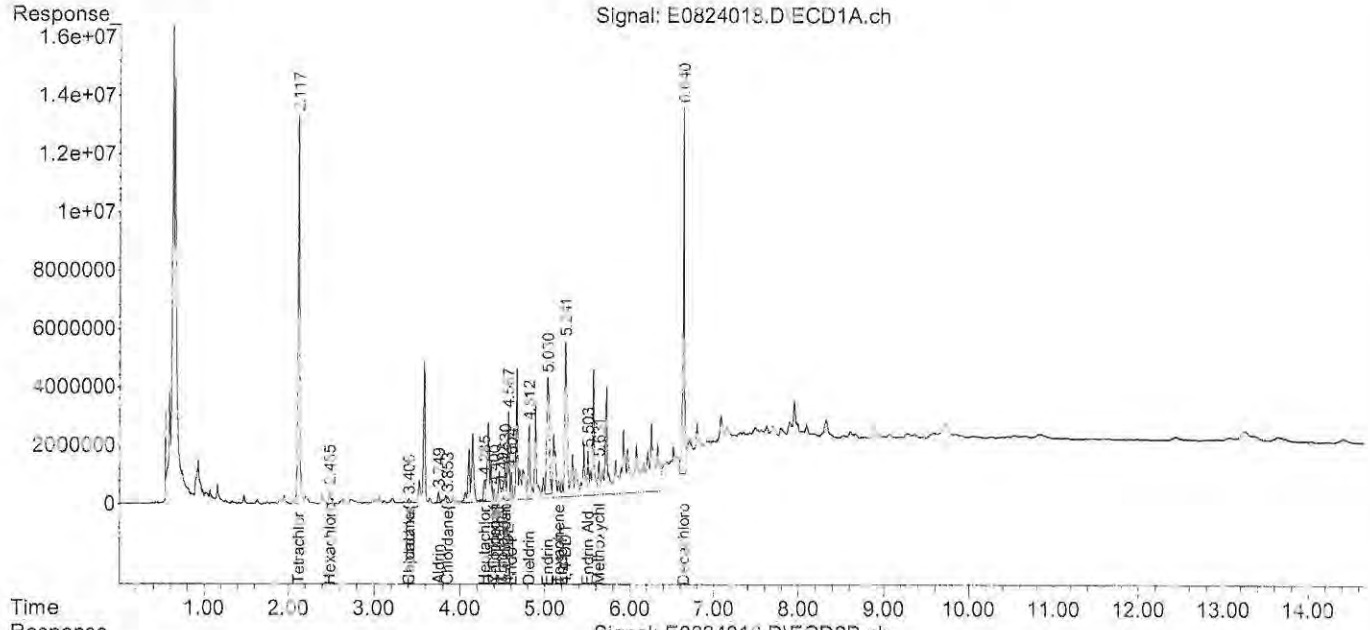


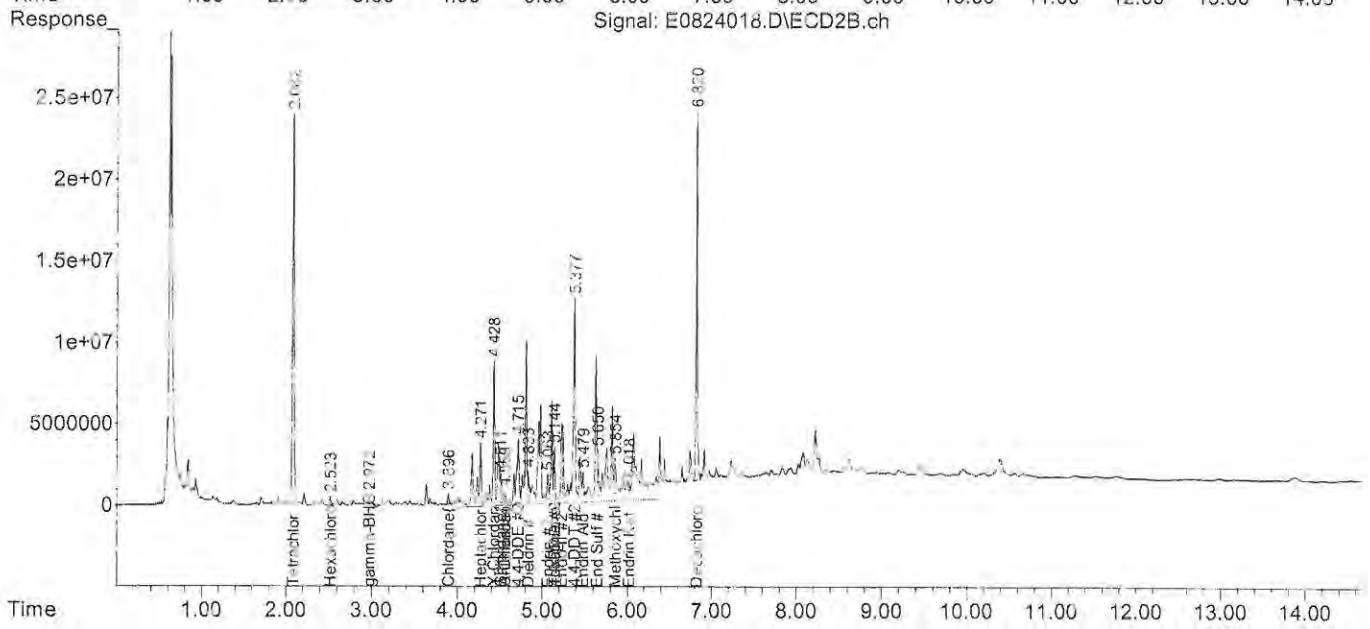
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 1:01 pm
Operator : JMB
Sample : 11H0672-02020X Inst : ECD 5
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:14:50 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



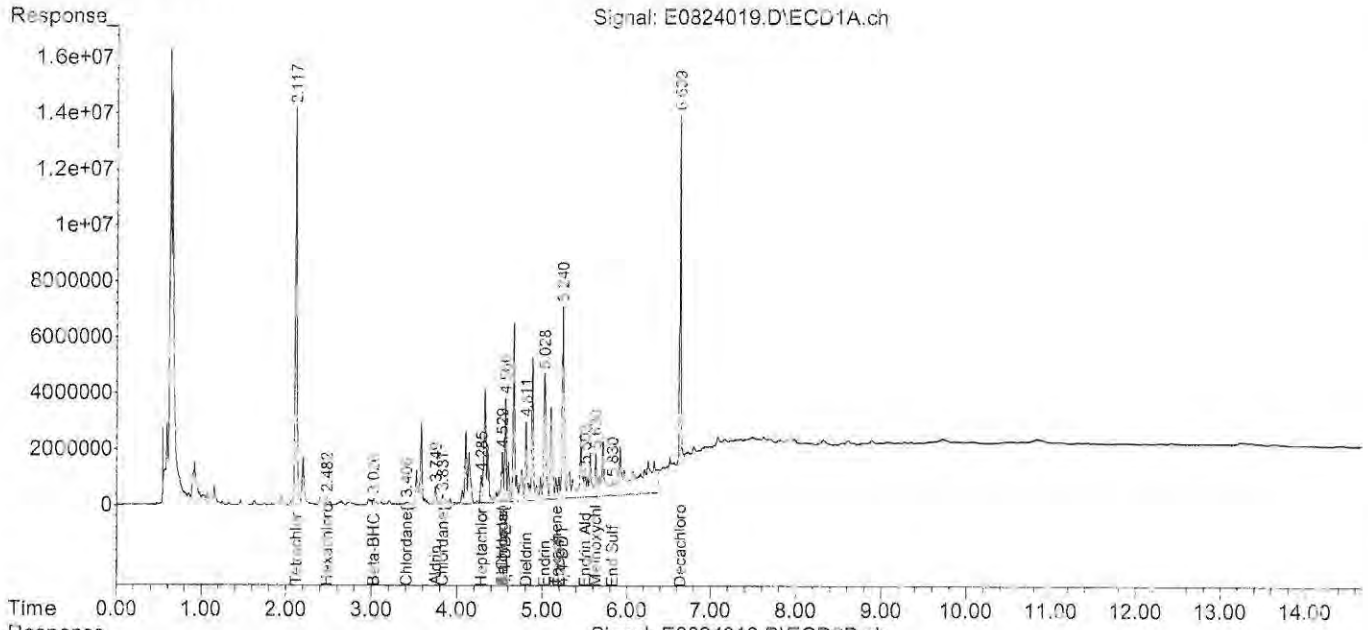


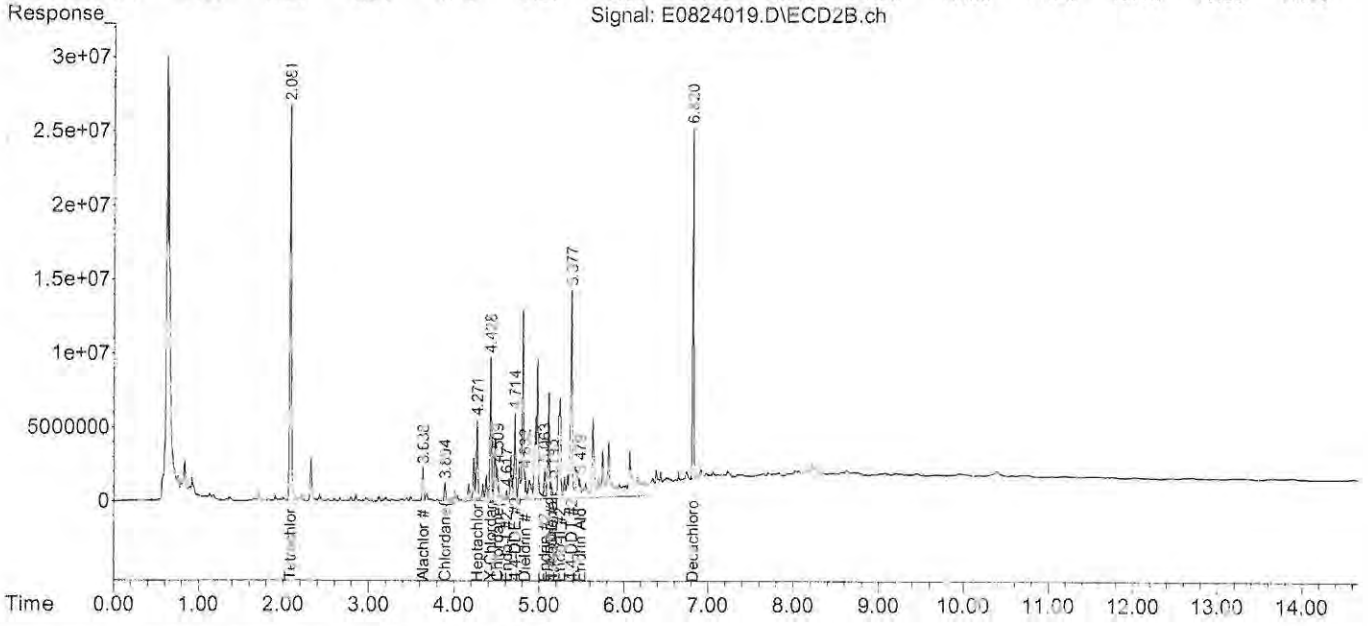
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 1:19 pm
Operator : JMB
Sample : 11H0672-03@20X Inst : ECD 5
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:14:58 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



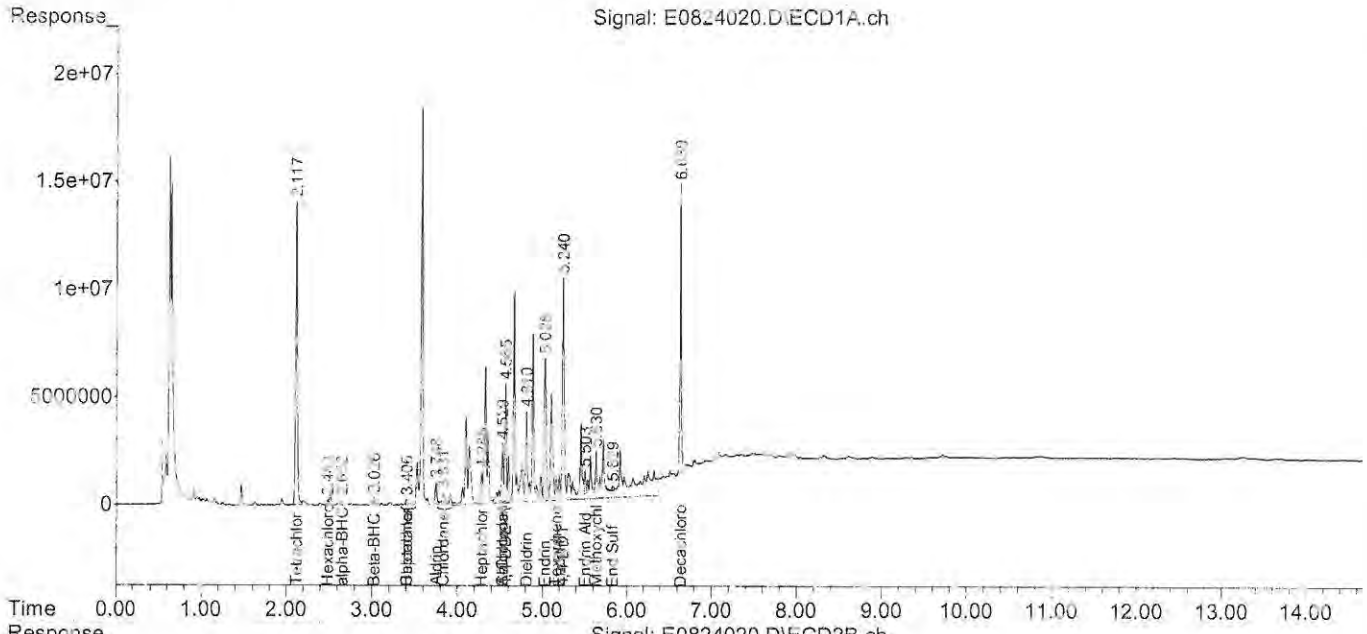


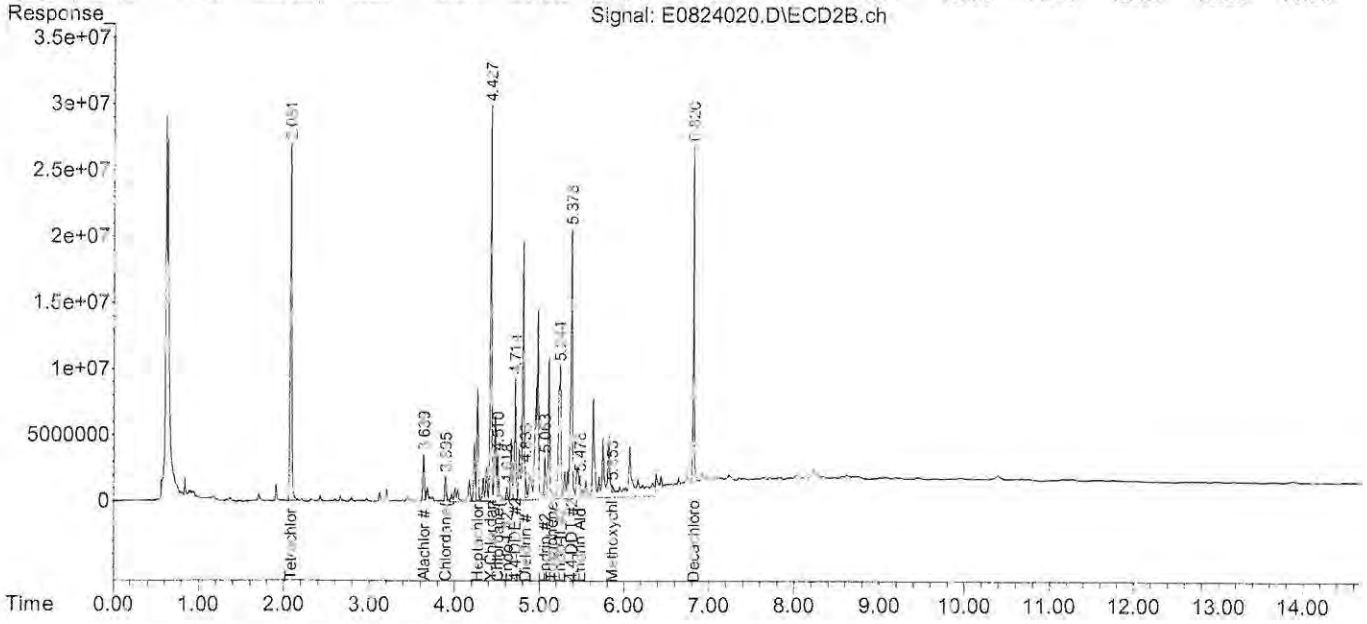
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 1:37 pm
Operator : JMB
Sample : 11H0672-04@20X Inst : ECD 5
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:05 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



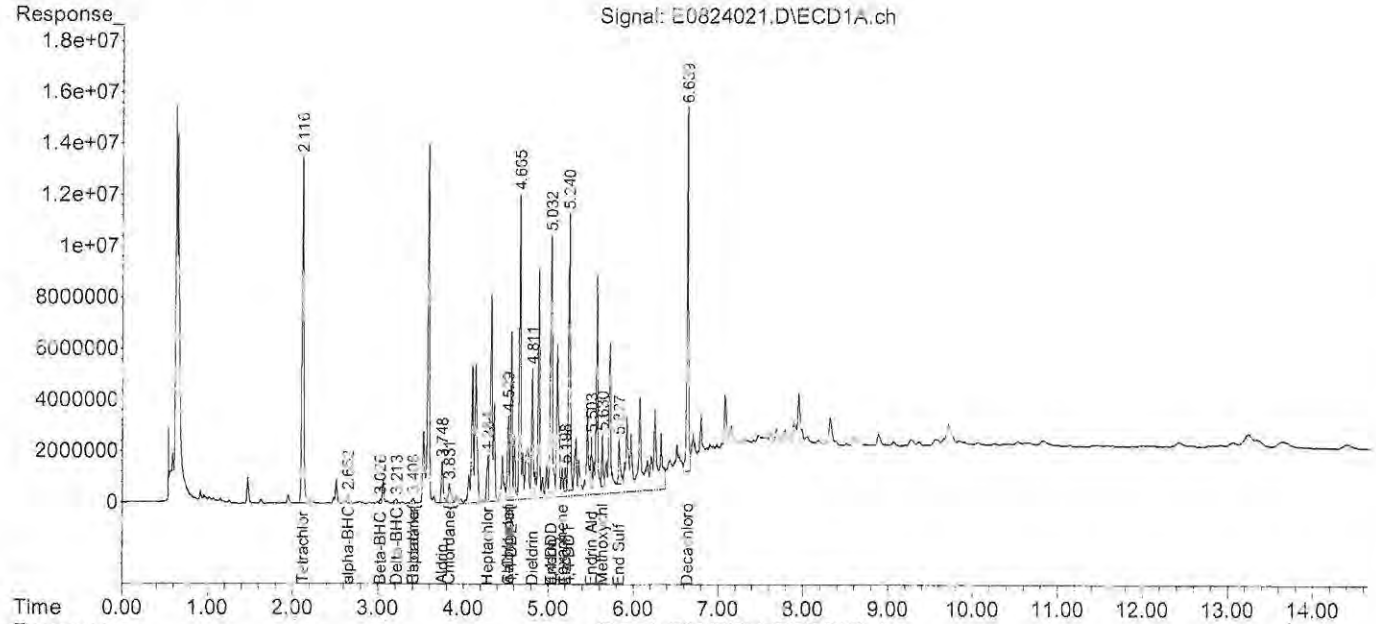


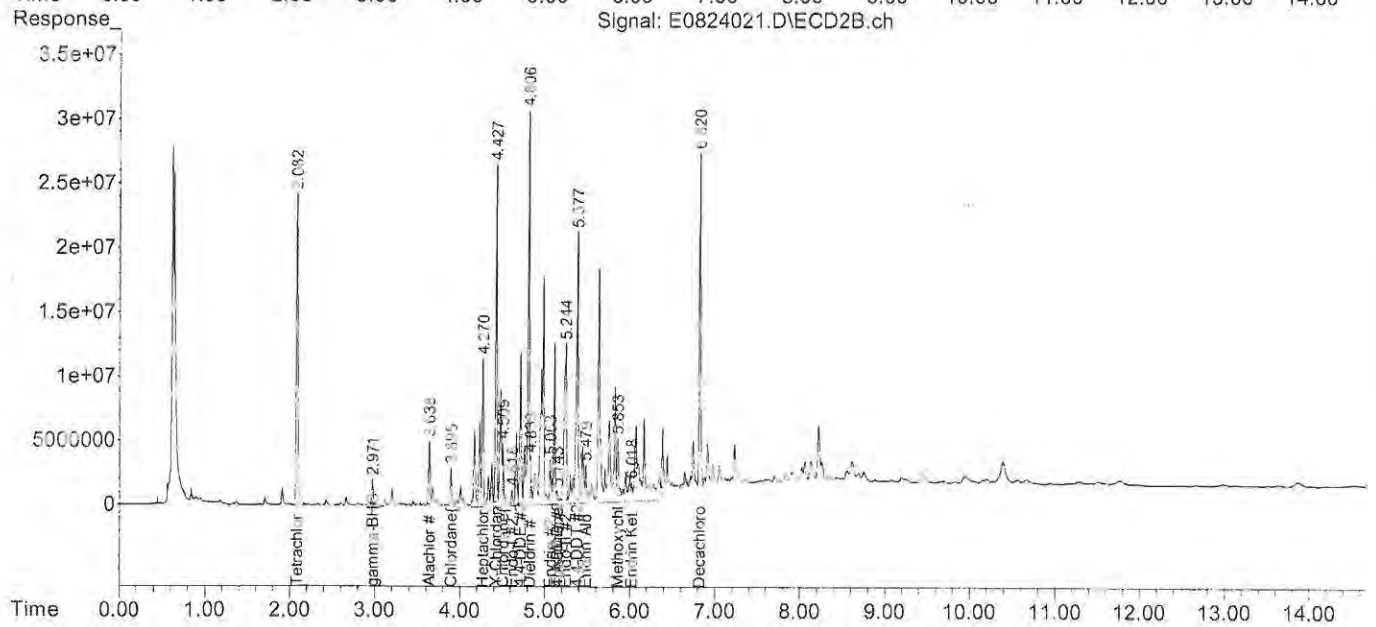
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 1:55 pm
Operator : JMB
Sample : 11H0672-05020X Inst : ECD 5
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:12 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 03/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H0672
Project Location: NBHS Ram New Bedford	RTN:

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

11H0672-01 thru 11H0672-05

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 (X)	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]
	<u>Data User Note:</u> 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: 08/25/11

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

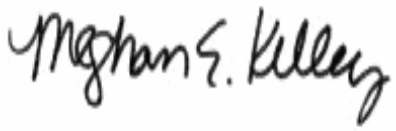
August 25, 2011

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

Project Location: NBHS Ram New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0815

Enclosed are results of analyses for samples received by the laboratory on August 19, 2011. 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: 8/25/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0815

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 1	11H0815-01	Soil		SM 2540G	
				SW-846 8260C	
STKP B3 6	11H0815-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 7	11H0815-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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: 8/25/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0815

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 8	11H0815-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP B3 9	11H0815-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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 RCRA 8 metals were requested and reported.

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met. See attached chromatogram(s).

Analyte & Samples(s) Qualified:

11H0815-02[STKP B3 6], 11H0815-03[STKP B3 7], 11H0815-04[STKP B3 8], 11H0815-05[STKP B3 9]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B035866-MS1, B035866-MSD1

SW-846 8100 Modified

Qualifications:

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

TPH C9-C36 Hydrocarbons as Diesel

11H0815-03[STKP B3 7], B035863-MS1, B035863-MSD1

SW-846 8260C

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:

Naphthalene, Vinyl Chloride

B035882-BS1, B035882-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:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B035882-BS1, B035882-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 1,4-Dioxane, Naphthalene

11H0815-01[STKP B3 1], 11H0815-02[STKP B3 6], 11H0815-03[STKP B3 7], 11H0815-04[STKP B3 8], 11H0815-05[STKP B3 9], B035882-BLK1, B035882-BS1, B035882-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

11H0815-01[STKP B3 1], 11H0815-02[STKP B3 6], 11H0815-03[STKP B3 7], 11H0815-04[STKP B3 8], 11H0815-05[STKP B3 9], B035882-BLK1, B035882-BS1, B035882-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:

Dichlorodifluoromethane (Freon 12)

B035882-BS1, B035882-BSD1

SW-846 8270D

Qualifications:

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

Analyte & Samples(s) Qualified:

4-Nitrophenol, Bis(2-chloroisopropyl)ether

11H0815-03[STKP B3 7]

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:

Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

11H0815-03[STKP B3 7]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 1 | Sampled: 8/19/2011 09:35

Sample ID: 11H0815-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
2-Butanone (MEK)	ND	0.025	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Chloroform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/22/11	8/22/11 9:42	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 1 | Sampled: 8/19/2011 09:35

Sample ID: 11H0815-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
m+p Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 9:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		8/22/11 9:42
Toluene-d8	107	70-130		8/22/11 9:42
4-Bromofluorobenzene	100	70-130		8/22/11 9:42

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 1 | Sampled: 8/19/2011 09:35

Sample ID: 11H0815-01

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	87.6		% Wt	1		SM 2540G	8/23/11	8/24/11 12:42	FWD

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.062	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Bromomethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
2-Butanone (MEK)	ND	0.025	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Chlorodibromomethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Chloroethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Chloroform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Chloromethane	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2-Dibromoethane (EDB)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,3-Dichloropropane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
cis-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
trans-1,3-Dichloropropene	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Diethyl Ether	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Diisopropyl Ether (DIPE)	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,4-Dioxane	ND	0.062	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/22/11	8/22/11 10:08	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Methylene Chloride	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Naphthalene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.00062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Tetrahydrofuran	ND	0.0062	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2,3-Trichlorobenzene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2,4-Trichlorobenzene	ND	0.0062	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
Vinyl Chloride	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
m+p Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		8/22/11 10:08
Toluene-d8	105	70-130		8/22/11 10:08
4-Bromofluorobenzene	101	70-130		8/22/11 10:08

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

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 8270D	8/20/11	8/22/11 20:23	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Anthracene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Benzo(a)anthracene	0.61	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Benzo(a)pyrene	0.56	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Benzo(b)fluoranthene	0.61	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Benzo(g,h,i)perylene	0.37	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Benzo(k)fluoranthene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Chrysene	0.62	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Fluoranthene	0.95	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Indeno(1,2,3-cd)pyrene	0.45	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

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	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Phenanthrene	0.85	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
Pyrene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 20:23	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	81.7	30-130		8/22/11 20:23
Phenol-d6	79.4	30-130		8/22/11 20:23
Nitrobenzene-d5	66.0	30-130		8/22/11 20:23
2-Fluorobiphenyl	82.8	30-130		8/22/11 20:23
2,4,6-Tribromophenol	109	30-130		8/22/11 20:23
Terphenyl-d14	110	30-130		8/22/11 20:23

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:13	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	132	30-150		8/24/11 14:13
Decachlorobiphenyl [2]	137	30-150		8/24/11 14:13
Tetrachloro-m-xylene [1]	119	30-150		8/24/11 14:13
Tetrachloro-m-xylene [2]	111	30-150		8/24/11 14:13

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

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	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1254 [2]	3.0	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	4		SW-846 8082A	8/22/11	8/23/11 15:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	118	30-150		8/23/11 15:01
Decachlorobiphenyl [2]	121	30-150		8/23/11 15:01
Tetrachloro-m-xylene [1]	113	30-150		8/23/11 15:01
Tetrachloro-m-xylene [2]	117	30-150		8/23/11 15:01

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

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	230	45	mg/Kg dry	5		SW-846 8100 Modified	8/20/11	8/23/11 14:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	85.8	40-140					8/23/11 14:56

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP
Barium	260	2.6	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP
Cadmium	0.42	0.26	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP
Chromium	19	0.52	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP
Lead	120	0.78	mg/Kg dry	1		SW-846 6010C	8/22/11	8/23/11 14:02	OP
Mercury	0.10	0.026	mg/Kg dry	1		SW-846 7471B	8/22/11	8/22/11 15:25	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:48	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H0815-02

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/22/11	8/22/11 11:50	VAK
pH @17.5°C	5.9		pH Units	1		SW-846 9045C	8/19/11	8/19/11 21:30	AED
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/22/11	8/22/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/22/11	8/22/11 11:00	LL
Specific conductance	4.0	2.0	µmhos/cm	1		SM18-20 2510B	8/22/11	8/22/11 10:35	LL
% Solids	92.1		% Wt	1		SM 2540G	8/22/11	8/23/11 9:43	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.053	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Bromomethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Carbon Disulfide	ND	0.0032	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Chlorodibromomethane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Chloroethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Chloromethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2-Dibromoethane (EDB)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,3-Dichloropropane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
cis-1,3-Dichloropropene	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
trans-1,3-Dichloropropene	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Diethyl Ether	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Diisopropyl Ether (DIPE)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,4-Dioxane	ND	0.053	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/22/11	8/22/11 10:34	MFF

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Methylene Chloride	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Naphthalene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Tetrahydrofuran	ND	0.0053	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2,3-Trichlorobenzene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2,4-Trichlorobenzene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
Vinyl Chloride	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 10:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		8/22/11 10:34
Toluene-d8	106	70-130		8/22/11 10:34
4-Bromofluorobenzene	103	70-130		8/22/11 10:34

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

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 8270D	8/20/11	8/23/11 8:31	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Benzo(a)anthracene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Benzo(b)fluoranthene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Chrysene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Fluoranthene	0.37	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1	V-20	SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

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	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1	V-05	SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Phenanthrene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
Pyrene	0.40	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/23/11 8:31	BGL

Surrogates	% Recovery	Recovery Limits	Flag		
2-Fluorophenol	79.4	30-130		8/23/11	8:31
Phenol-d6	82.2	30-130		8/23/11	8:31
Nitrobenzene-d5	61.3	30-130		8/23/11	8:31
2-Fluorobiphenyl	86.9	30-130		8/23/11	8:31
2,4,6-Tribromophenol	93.2	30-130		8/23/11	8:31
Terphenyl-d14	112	30-130		8/23/11	8:31

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
4,4'-DDD [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
4,4'-DDE [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
4,4'-DDT [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Dieldrin [1]	ND	0.087	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:31	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	123	30-150		8/24/11 14:31
Decachlorobiphenyl [2]	128	30-150		8/24/11 14:31
Tetrachloro-m-xylene [1]	117	30-150		8/24/11 14:31
Tetrachloro-m-xylene [2]	110	30-150		8/24/11 14:31

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

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	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1254 [2]	1.8	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	2		SW-846 8082A	8/22/11	8/23/11 15:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		8/23/11 15:15
Decachlorobiphenyl [2]	105	30-150		8/23/11 15:15
Tetrachloro-m-xylene [1]	110	30-150		8/23/11 15:15
Tetrachloro-m-xylene [2]	114	30-150		8/23/11 15:15

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

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	64	9.1	mg/Kg dry	1	R-06	SW-846 8100 Modified	8/20/11	8/23/11 14:01	CJM

Surrogates	% Recovery	Recovery Limits	Flag					
o-Terphenyl	73.9	40-140					8/23/11 14:01	

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP
Barium	170	2.8	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP
Chromium	11	0.55	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP
Lead	56	0.83	mg/Kg dry	1		SW-846 6010C	8/22/11	8/23/11 14:07	OP
Mercury	0.055	0.027	mg/Kg dry	1		SW-846 7471B	8/22/11	8/22/11 15:27	CWB
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:53	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 7 | Sampled: 8/19/2011 10:10

Sample ID: 11H0815-03

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/22/11	8/22/11 11:50	VAK
pH @18.1°C	5.7		pH Units	1		SW-846 9045C	8/19/11	8/19/11 21:30	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/22/11	8/22/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/22/11	8/22/11 11:00	LL
Specific conductance	4.0	2.0	µmhos/cm	1		SM18-20 2510B	8/22/11	8/22/11 10:35	LL
% Solids	92.0		% Wt	1		SM 2540G	8/22/11	8/23/11 9:43	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.053	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Bromomethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Carbon Disulfide	ND	0.0032	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Chlorodibromomethane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Chloroethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Chloromethane	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,3-Dichloropropane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
cis-1,3-Dichloropropene	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
trans-1,3-Dichloropropene	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Diethyl Ether	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Diisopropyl Ether (DIPE)	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,4-Dioxane	ND	0.053	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/22/11	8/22/11 11:00	MFF

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Methylene Chloride	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Naphthalene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Tetrahydrofuran	ND	0.0053	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2,3-Trichlorobenzene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2,4-Trichlorobenzene	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
Vinyl Chloride	ND	0.0053	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		8/22/11 11:00
Toluene-d8	104	70-130		8/22/11 11:00
4-Bromofluorobenzene	100	70-130		8/22/11 11:00

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

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 8270D	8/20/11	8/22/11 21:21	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Anthracene	0.43	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Benzo(a)anthracene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Benzo(a)pyrene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Benzo(b)fluoranthene	1.4	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Benzo(g,h,i)perylene	0.72	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Benzo(k)fluoranthene	0.47	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Chrysene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Dibenz(a,h)anthracene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Fluoranthene	2.0	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Fluorene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Indeno(1,2,3-cd)pyrene	0.93	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

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	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Phenanthrene	1.7	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
Pyrene	2.7	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	73.4	30-130		8/22/11 21:21
Phenol-d6	76.0	30-130		8/22/11 21:21
Nitrobenzene-d5	57.4	30-130		8/22/11 21:21
2-Fluorobiphenyl	76.6	30-130		8/22/11 21:21
2,4,6-Tribromophenol	102	30-130		8/22/11 21:21
Terphenyl-d14	109	30-130		8/22/11 21:21

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
4,4'-DDD [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
4,4'-DDE [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
4,4'-DDT [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Dieldrin [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 14:49	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	131	30-150		8/24/11 14:49
Decachlorobiphenyl [2]	134	30-150		8/24/11 14:49
Tetrachloro-m-xylene [1]	114	30-150		8/24/11 14:49
Tetrachloro-m-xylene [2]	104	30-150		8/24/11 14:49

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

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	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1221 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1232 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1242 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1248 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1254 [1]	3.9	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1260 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1262 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB
Aroclor-1268 [1]	ND	0.53	mg/Kg dry	5		SW-846 8082A	8/22/11	8/23/11 15:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		8/23/11 15:29
Decachlorobiphenyl [2]	108	30-150		8/23/11 15:29
Tetrachloro-m-xylene [1]	107	30-150		8/23/11 15:29
Tetrachloro-m-xylene [2]	111	30-150		8/23/11 15:29

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

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	200	45	mg/Kg dry	5		SW-846 8100 Modified	8/20/11	8/23/11 14:38	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	89.4	40-140					8/23/11 14:38

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Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP
Barium	400	2.6	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP
Cadmium	0.37	0.26	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP
Chromium	22	0.52	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP
Lead	92	0.78	mg/Kg dry	1		SW-846 6010C	8/22/11	8/23/11 14:12	OP
Mercury	0.071	0.027	mg/Kg dry	1		SW-846 7471B	8/22/11	8/22/11 15:28	CWB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 18:58	OP

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 8 | Sampled: 8/19/2011 10:30

Sample ID: 11H0815-04

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/22/11	8/22/11 11:50	VAK
pH @17.9°C	5.8		pH Units	1		SW-846 9045C	8/19/11	8/19/11 21:30	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/22/11	8/22/11 10:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/22/11	8/22/11 11:00	LL
Specific conductance	3.7	2.0	µmhos/cm	1		SM18-20 2510B	8/22/11	8/22/11 10:35	LL
% Solids	93.0		% Wt	1		SM 2540G	8/22/11	8/23/11 9:43	DBS

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.075	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Bromomethane	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
2-Butanone (MEK)	ND	0.030	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
n-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Carbon Disulfide	ND	0.0045	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Chlorodibromomethane	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Chloroethane	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Chloroform	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Chloromethane	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,3-Dichloropropane	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
cis-1,3-Dichloropropene	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
trans-1,3-Dichloropropene	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Diethyl Ether	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Diisopropyl Ether (DIPE)	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,4-Dioxane	ND	0.075	mg/Kg dry	1	V-05, V-16	SW-846 8260C	8/22/11	8/22/11 11:26	MFF

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Hexachlorobutadiene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Methylene Chloride	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Naphthalene	ND	0.0075	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.00075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Tetrahydrofuran	ND	0.0075	mg/Kg dry	1	V-16	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2,3-Trichlorobenzene	ND	0.0075	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2,4-Trichlorobenzene	ND	0.0075	mg/Kg dry	1	V-05	SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
Vinyl Chloride	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
m+p Xylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/22/11	8/22/11 11:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		8/22/11 11:26
Toluene-d8	111	70-130		8/22/11 11:26
4-Bromofluorobenzene	105	70-130		8/22/11 11:26

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

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 8270D	8/20/11	8/22/11 21:50	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL

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

Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

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	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/20/11	8/22/11 21:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	81.4	30-130		8/22/11 21:50
Phenol-d6	82.6	30-130		8/22/11 21:50
Nitrobenzene-d5	65.0	30-130		8/22/11 21:50
2-Fluorobiphenyl	78.8	30-130		8/22/11 21:50
2,4,6-Tribromophenol	118	30-130		8/22/11 21:50
Terphenyl-d14	118	30-130		8/22/11 21:50

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H0815

Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
gamma-BHC (Lindane) [1]	ND	0.043	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Chlordane [1]	ND	0.43	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
4,4'-DDD [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
4,4'-DDE [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
4,4'-DDT [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Dieldrin [1]	ND	0.085	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Endosulfan II [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Endosulfan sulfate [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Endrin [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Endrin ketone [1]	ND	0.17	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	8/22/11	8/24/11 15:07	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		8/24/11 15:07
Decachlorobiphenyl [2]	127	30-150		8/24/11 15:07
Tetrachloro-m-xylene [1]	114	30-150		8/24/11 15:07
Tetrachloro-m-xylene [2]	107	30-150		8/24/11 15:07

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Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

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 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1254 [1]	0.89	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	8/22/11	8/23/11 11:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.6	30-150		8/23/11 11:57
Decachlorobiphenyl [2]	92.2	30-150		8/23/11 11:57
Tetrachloro-m-xylene [1]	100	30-150		8/23/11 11:57
Tetrachloro-m-xylene [2]	102	30-150		8/23/11 11:57

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Sample ID: 11H0815-05

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	37	8.9	mg/Kg dry	1		SW-846 8100 Modified	8/20/11	8/23/11 14:20	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	92.0	40-140					8/23/11 14:20

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Sample ID: 11H0815-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP
Barium	32	2.7	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP
Chromium	7.4	0.54	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP
Lead	22	0.81	mg/Kg dry	1		SW-846 6010C	8/22/11	8/23/11 14:17	OP
Mercury	0.033	0.026	mg/Kg dry	1		SW-846 7471B	8/22/11	8/22/11 15:30	CWB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C	8/22/11	8/22/11 19:04	OP

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Date Received: 8/19/2011

Field Sample #: STKP B3 9 | Sampled: 8/19/2011 11:00

Sample ID: 11H0815-05

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
Ignitability	Absent		present/absent	1		SW-846 1030	8/22/11	8/22/11 11:50	VAK
pH @17.7°C	5.7		pH Units	1		SW-846 9045C	8/19/11	8/19/11 21:30	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/22/11	8/22/11 10:00	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	8/22/11	8/22/11 11:00	LL
Specific conductance	2.7	2.0	µmhos/cm	1		SM18-20 2510B	8/22/11	8/22/11 10:35	LL
% Solids	93.8		% Wt	1		SM 2540G	8/22/11	8/23/11 9:43	DBS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0815-02 [STKP B3 6]	B035875	08/22/11
11H0815-03 [STKP B3 7]	B035875	08/22/11
11H0815-04 [STKP B3 8]	B035875	08/22/11
11H0815-05 [STKP B3 9]	B035875	08/22/11

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0815-01 [STKP B3 1]	B036049	08/23/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0815-02 [STKP B3 6]	B035910	1.00	08/22/11
11H0815-03 [STKP B3 7]	B035910	1.00	08/22/11
11H0815-04 [STKP B3 8]	B035910	1.00	08/22/11
11H0815-05 [STKP B3 9]	B035910	1.00	08/22/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035929	50.0	50.0	08/22/11
11H0815-03 [STKP B3 7]	B035929	50.0	50.0	08/22/11
11H0815-04 [STKP B3 8]	B035929	50.0	50.0	08/22/11
11H0815-05 [STKP B3 9]	B035929	50.0	50.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035871	1.04	50.0	08/22/11
11H0815-03 [STKP B3 7]	B035871	0.983	50.0	08/22/11
11H0815-04 [STKP B3 8]	B035871	1.03	50.0	08/22/11
11H0815-05 [STKP B3 9]	B035871	0.986	50.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035880	0.626	50.0	08/22/11
11H0815-03 [STKP B3 7]	B035880	0.603	50.0	08/22/11
11H0815-04 [STKP B3 8]	B035880	0.605	50.0	08/22/11
11H0815-05 [STKP B3 9]	B035880	0.608	50.0	08/22/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035867	10.0	10.0	08/22/11
11H0815-03 [STKP B3 7]	B035867	10.0	10.0	08/22/11

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-04 [STKP B3 8]	B035867	10.1	10.0	08/22/11
11H0815-05 [STKP B3 9]	B035867	10.0	10.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035866	10.0	50.0	08/22/11
11H0815-03 [STKP B3 7]	B035866	10.0	50.0	08/22/11
11H0815-04 [STKP B3 8]	B035866	10.1	50.0	08/22/11
11H0815-05 [STKP B3 9]	B035866	10.0	50.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035863	30.2	1.00	08/20/11
11H0815-03 [STKP B3 7]	B035863	30.0	1.00	08/20/11
11H0815-04 [STKP B3 8]	B035863	30.0	1.00	08/20/11
11H0815-05 [STKP B3 9]	B035863	30.1	1.00	08/20/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-01 [STKP B3 1]	B035882	9.30	10.0	08/22/11
11H0815-02 [STKP B3 6]	B035882	8.78	10.0	08/22/11
11H0815-03 [STKP B3 7]	B035882	10.3	10.0	08/22/11
11H0815-04 [STKP B3 8]	B035882	10.1	10.0	08/22/11
11H0815-05 [STKP B3 9]	B035882	7.09	10.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035864	30.2	1.00	08/20/11
11H0815-03 [STKP B3 7]	B035864	30.0	1.00	08/20/11
11H0815-04 [STKP B3 8]	B035864	30.0	1.00	08/20/11
11H0815-05 [STKP B3 9]	B035864	30.1	1.00	08/20/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035903	25.0	250	08/22/11
11H0815-03 [STKP B3 7]	B035903	25.6	250	08/22/11
11H0815-04 [STKP B3 8]	B035903	25.4	250	08/22/11
11H0815-05 [STKP B3 9]	B035903	25.8	250	08/22/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0815-02 [STKP B3 6]	B035908	25.0	250	08/22/11
11H0815-03 [STKP B3 7]	B035908	25.6	250	08/22/11
11H0815-04 [STKP B3 8]	B035908	25.4	250	08/22/11
11H0815-05 [STKP B3 9]	B035908	25.8	250	08/22/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0815-02 [STKP B3 6]	B035917	20.0	08/19/11
11H0815-03 [STKP B3 7]	B035917	20.0	08/19/11
11H0815-04 [STKP B3 8]	B035917	20.0	08/19/11
11H0815-05 [STKP B3 9]	B035917	20.0	08/19/11

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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 B035882 - SW-846 5035										
Blank (B035882-BLK1)				Prepared & Analyzed: 08/22/11						
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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							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 B035882 - SW-846 5035											
Blank (B035882-BLK1)				Prepared & Analyzed: 08/22/11							
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	*0.0539*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0514*		mg/Kg wet	0.0500		103	70-130				
LCS (B035882-BS1)				Prepared & Analyzed: 08/22/11							
Acetone	0.189	0.10	mg/Kg wet	0.200		94.7	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0180	0.0010	mg/Kg wet	0.0200		90.2	70-130				
Benzene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130				
Bromobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130				
Bromochloromethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130				
Bromoform	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130				
Bromomethane	0.0132	0.010	mg/Kg wet	0.0200		66.0	40-160			L-14	†
2-Butanone (MEK)	0.177	0.040	mg/Kg wet	0.200		88.5	40-160			V-16	†
n-Butylbenzene	0.0186	0.0040	mg/Kg wet	0.0200		93.0	70-130				
sec-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
tert-Butylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0163	0.0010	mg/Kg wet	0.0200		81.4	70-130				
Carbon Disulfide	0.0169	0.0060	mg/Kg wet	0.0200		84.7	70-130				
Carbon Tetrachloride	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130				
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130				
Chlorodibromomethane	0.0196	0.0010	mg/Kg wet	0.0200		98.1	70-130				
Chloroethane	0.0162	0.010	mg/Kg wet	0.0200		81.0	70-130				
Chloroform	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130				
Chloromethane	0.0106	0.010	mg/Kg wet	0.0200		53.0	40-160			L-14	†
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130				
4-Chlorotoluene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0160	0.0040	mg/Kg wet	0.0200		80.1	70-130				
1,2-Dibromoethane (EDB)	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130				
Dibromomethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
1,2-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130				
1,3-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130				
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130				

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 B035882 - SW-846 5035												
LCS (B035882-BS1)				Prepared & Analyzed: 08/22/11								
Dichlorodifluoromethane (Freon 12)	0.0110	0.010	mg/Kg wet	0.0200		55.1		40-160			L-14, V-20	†
1,1-Dichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130				
1,2-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1-Dichloroethylene	0.0200	0.0040	mg/Kg wet	0.0200		100		70-130				
cis-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		95.1		70-130				
trans-1,2-Dichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,2-Dichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.7		70-130				
1,3-Dichloropropane	0.0184	0.0010	mg/Kg wet	0.0200		91.9		70-130				
2,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
1,1-Dichloropropene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.0		70-130				
trans-1,3-Dichloropropene	0.0232	0.0010	mg/Kg wet	0.0200		116		70-130				
Diethyl Ether	0.0207	0.010	mg/Kg wet	0.0200		103		70-130				
Diisopropyl Ether (DIPE)	0.0175	0.0010	mg/Kg wet	0.0200		87.3		70-130				
1,4-Dioxane	0.149	0.10	mg/Kg wet	0.200		74.4		40-160			V-05, V-16	†
Ethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.7		70-130				
Hexachlorobutadiene	0.0211	0.0040	mg/Kg wet	0.0200		105		70-130				
2-Hexanone (MBK)	0.170	0.020	mg/Kg wet	0.200		84.8		40-160				†
Isopropylbenzene (Cumene)	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130				
p-Isopropyltoluene (p-Cymene)	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0187	0.0040	mg/Kg wet	0.0200		93.4		70-130				
Methylene Chloride	0.0189	0.010	mg/Kg wet	0.0200		94.4		70-130				
4-Methyl-2-pentanone (MIBK)	0.162	0.020	mg/Kg wet	0.200		81.2		40-160				†
Naphthalene	0.0137	0.010	mg/Kg wet	0.0200		**68.3**	*	70-130			L-07, V-05	
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
Styrene	0.0189	0.0020	mg/Kg wet	0.0200		94.7		70-130				
1,1,1,2-Tetrachloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3		70-130				
1,1,2,2-Tetrachloroethane	0.0169	0.0010	mg/Kg wet	0.0200		84.6		70-130				
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Tetrahydrofuran	0.0161	0.010	mg/Kg wet	0.0200		80.7		70-130			V-16	
Toluene	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
1,2,3-Trichlorobenzene	0.0146	0.010	mg/Kg wet	0.0200		73.0		70-130			V-05	
1,2,4-Trichlorobenzene	0.0141	0.010	mg/Kg wet	0.0200		70.3		70-130			V-05	
1,1,1-Trichloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130				
Trichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
Trichlorofluoromethane (Freon 11)	0.0191	0.010	mg/Kg wet	0.0200		95.7		70-130				
1,2,3-Trichloropropane	0.0157	0.0020	mg/Kg wet	0.0200		78.4		70-130				
1,2,4-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130				
1,3,5-Trimethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Vinyl Chloride	0.0143	0.010	mg/Kg wet	0.0200		71.4		70-130				
m+p Xylene	0.0371	0.0040	mg/Kg wet	0.0400		92.8		70-130				
o-Xylene	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0538*		mg/Kg wet	0.0500		108		70-130				
Surrogate: Toluene-d8	*0.0517*		mg/Kg wet	0.0500		103		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0541*		mg/Kg wet	0.0500		108		70-130				

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 B035882 - SW-846 5035											
LCS Dup (B035882-BSD1)				Prepared & Analyzed: 08/22/11							
Acetone	0.218	0.10	mg/Kg wet	0.200		109	40-160	13.8	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0192	0.0010	mg/Kg wet	0.0200		95.9	70-130	6.13	20		
Benzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	3.31	20		
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	10.2	20		
Bromochloromethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	4.59	20		
Bromodichloromethane	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130	2.43	20		
Bromoform	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	11.0	20		
Bromomethane	0.0142	0.010	mg/Kg wet	0.0200		70.8	40-160	7.02	20		†
2-Butanone (MEK)	0.190	0.040	mg/Kg wet	0.200		94.9	40-160	7.02	20	V-16	†
n-Butylbenzene	0.0192	0.0040	mg/Kg wet	0.0200		96.2	70-130	3.38	20		
sec-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	4.46	20		
tert-Butylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	4.79	20		
tert-Butyl Ethyl Ether (TBEE)	0.0163	0.0010	mg/Kg wet	0.0200		81.6	70-130	0.245	20		
Carbon Disulfide	0.0174	0.0060	mg/Kg wet	0.0200		87.2	70-130	2.91	20		
Carbon Tetrachloride	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	7.04	20		
Chlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	7.73	20		
Chlorodibromomethane	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130	4.09	20		
Chloroethane	0.0169	0.010	mg/Kg wet	0.0200		84.5	70-130	4.23	20		
Chloroform	0.0223	0.0040	mg/Kg wet	0.0200		111	70-130	6.88	20		
Chloromethane	0.0111	0.010	mg/Kg wet	0.0200		55.7	40-160	4.97	20	L-14	†
2-Chlorotoluene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	8.22	20		
4-Chlorotoluene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	10.5	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0172	0.0040	mg/Kg wet	0.0200		86.1	70-130	7.22	20		
1,2-Dibromoethane (EDB)	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130	5.45	20		
Dibromomethane	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	0.103	20		
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130	1.31	20		
1,3-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130	2.53	20		
1,4-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130	7.78	20		
Dichlorodifluoromethane (Freon 12)	0.0111	0.010	mg/Kg wet	0.0200		55.5	40-160	0.723	20	L-14, V-20	†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	4.35	20		
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	1.25	20		
1,1-Dichloroethylene	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130	6.39	20		
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	2.90	20		
trans-1,2-Dichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	2.27	20		
1,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130	0.752	20		
1,3-Dichloropropane	0.0195	0.0010	mg/Kg wet	0.0200		97.7	70-130	6.12	20		
2,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.182	20		
1,1-Dichloropropene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	4.58	20		
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		98.1	70-130	1.13	20		
trans-1,3-Dichloropropene	0.0232	0.0010	mg/Kg wet	0.0200		116	70-130	0.0863	20		
Diethyl Ether	0.0205	0.010	mg/Kg wet	0.0200		102	70-130	0.777	20		
Diisopropyl Ether (DIPE)	0.0182	0.0010	mg/Kg wet	0.0200		90.9	70-130	4.04	20		
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		82.0	40-160	9.77	20	V-05, V-16	†
Ethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	13.0	20		
Hexachlorobutadiene	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130	0.756	20		
2-Hexanone (MBK)	0.174	0.020	mg/Kg wet	0.200		87.2	40-160	2.84	20		†
Isopropylbenzene (Cumene)	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130	8.76	20		
p-Isopropyltoluene (p-Cymene)	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130	4.61	20		
Methyl tert-Butyl Ether (MTBE)	0.0199	0.0040	mg/Kg wet	0.0200		99.7	70-130	6.53	20		
Methylene Chloride	0.0196	0.010	mg/Kg wet	0.0200		97.8	70-130	3.54	20		
4-Methyl-2-pentanone (MIBK)	0.172	0.020	mg/Kg wet	0.200		86.1	40-160	5.91	20		†
Naphthalene	0.0144	0.010	mg/Kg wet	0.0200		72.0	70-130	5.27	20	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 B035882 - SW-846 5035											
LCS Dup (B035882-BSD1)				Prepared & Analyzed: 08/22/11							
n-Propylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	7.01	20	
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	10.3	20	
1,1,1,2-Tetrachloroethane	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	19.2	20	
1,1,2,2-Tetrachloroethane	0.0191	0.0010	mg/Kg wet	0.0200		95.3		70-130	11.9	20	
Tetrachloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	1.49	20	
Tetrahydrofuran	0.0173	0.010	mg/Kg wet	0.0200		86.3		70-130	6.71	20	V-16
Toluene	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130	0.917	20	
1,2,3-Trichlorobenzene	0.0145	0.010	mg/Kg wet	0.0200		72.5		70-130	0.687	20	V-05
1,2,4-Trichlorobenzene	0.0143	0.010	mg/Kg wet	0.0200		71.4		70-130	1.55	20	V-05
1,1,1-Trichloroethane	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	4.10	20	
1,1,2-Trichloroethane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	2.41	20	
Trichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	3.23	20	
Trichlorofluoromethane (Freon 11)	0.0196	0.010	mg/Kg wet	0.0200		98.2		70-130	2.58	20	
1,2,3-Trichloropropane	0.0172	0.0020	mg/Kg wet	0.0200		86.1		70-130	9.36	20	
1,2,4-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	10.2	20	
1,3,5-Trimethylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130	10.2	20	
Vinyl Chloride	0.0137	0.010	mg/Kg wet	0.0200		**68.7**	*	70-130	3.85	20	L-07
m+p Xylene	0.0400	0.0040	mg/Kg wet	0.0400		100		70-130	7.47	20	
o-Xylene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	5.98	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0534*		mg/Kg wet	0.0500		107		70-130			
Surrogate: Toluene-d8	*0.0520*		mg/Kg wet	0.0500		104		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0583*		mg/Kg wet	0.0500		117		70-130			

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 B035864 - SW-846 3546										
Blank (B035864-BLK1)				Prepared: 08/20/11 Analyzed: 08/22/11						
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							
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 B035864 - SW-846 3546										
Blank (B035864-BLK1)				Prepared: 08/20/11 Analyzed: 08/22/11						
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	*7.25*		mg/Kg wet	6.67		109	30-130			
Surrogate: Phenol-d6	*7.54*		mg/Kg wet	6.67		113	30-130			
Surrogate: Nitrobenzene-d5	*2.98*		mg/Kg wet	3.33		89.5	30-130			
Surrogate: 2-Fluorobiphenyl	*3.08*		mg/Kg wet	3.33		92.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*8.10*		mg/Kg wet	6.67		121	30-130			
Surrogate: Terphenyl-d14	*3.69*		mg/Kg wet	3.33		111	30-130			
LCS (B035864-BS1)				Prepared: 08/20/11 Analyzed: 08/22/11						
Acenaphthene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140			
Acenaphthylene	1.37	0.17	mg/Kg wet	1.67		82.4	40-140			
Acetophenone	1.50	0.34	mg/Kg wet	1.67		89.7	40-140			
Aniline	0.866	0.34	mg/Kg wet	1.67		52.0	40-140			
Anthracene	1.46	0.17	mg/Kg wet	1.67		87.5	40-140			
Benzo(a)anthracene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140			
Benzo(a)pyrene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140			
Benzo(b)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.3	40-140			
Benzo(g,h,i)perylene	1.44	0.17	mg/Kg wet	1.67		86.6	40-140			
Benzo(k)fluoranthene	1.40	0.17	mg/Kg wet	1.67		84.2	40-140			
Bis(2-chloroethoxy)methane	1.52	0.34	mg/Kg wet	1.67		91.3	40-140			
Bis(2-chloroethyl)ether	1.50	0.34	mg/Kg wet	1.67		89.8	40-140			
Bis(2-chloroisopropyl)ether	1.44	0.34	mg/Kg wet	1.67		86.6	40-140			
Bis(2-Ethylhexyl)phthalate	1.82	0.34	mg/Kg wet	1.67		109	40-140			
4-Bromophenylphenylether	1.53	0.34	mg/Kg wet	1.67		91.8	40-140			
Butylbenzylphthalate	1.78	0.66	mg/Kg wet	1.67		107	40-140			
4-Chloroaniline	0.730	0.66	mg/Kg wet	1.67		43.8	15-140			†
2-Chloronaphthalene	1.35	0.34	mg/Kg wet	1.67		81.1	40-140			
2-Chlorophenol	1.51	0.34	mg/Kg wet	1.67		90.5	30-130			
Chrysene	1.48	0.17	mg/Kg wet	1.67		88.7	40-140			
Dibenz(a,h)anthracene	1.43	0.17	mg/Kg wet	1.67		85.6	40-140			
Dibenzofuran	1.47	0.34	mg/Kg wet	1.67		88.0	40-140			
Di-n-butylphthalate	1.68	0.34	mg/Kg wet	1.67		101	40-140			
1,2-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.7	40-140			
1,3-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.0	40-140			
1,4-Dichlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.0	40-140			
3,3-Dichlorobenzidine	1.33	0.17	mg/Kg wet	1.67		79.8	40-140			
2,4-Dichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.0	30-130			
Diethylphthalate	1.48	0.34	mg/Kg wet	1.67		88.8	40-140			
2,4-Dimethylphenol	1.42	0.34	mg/Kg wet	1.67		85.2	30-130			
Dimethylphthalate	1.49	0.66	mg/Kg wet	1.67		89.5	40-140			
2,4-Dinitrophenol	1.27	0.66	mg/Kg wet	1.67		76.4	15-140			†
2,4-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140			
2,6-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		89.8	40-140			
Di-n-octylphthalate	1.68	0.66	mg/Kg wet	1.67		101	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.60	0.34	mg/Kg wet	1.67		96.2	40-140			
Fluoranthene	1.66	0.17	mg/Kg wet	1.67		99.4	40-140			
Fluorene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140			
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.5	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 B035864 - SW-846 3546										
LCS (B035864-BS1)				Prepared: 08/20/11 Analyzed: 08/22/11						
Hexachlorobutadiene	1.36	0.34	mg/Kg wet	1.67		81.5	40-140			
Hexachloroethane	1.37	0.34	mg/Kg wet	1.67		82.4	40-140			
Indeno(1,2,3-cd)pyrene	1.47	0.17	mg/Kg wet	1.67		88.1	40-140			
Isophorone	1.41	0.34	mg/Kg wet	1.67		84.6	40-140			
2-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.7	40-140			
2-Methylphenol	0.914	0.34	mg/Kg wet	1.67		54.8	30-130			
3/4-Methylphenol	0.973	0.34	mg/Kg wet	1.67		58.4	30-130			
Naphthalene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140			
Nitrobenzene	1.37	0.34	mg/Kg wet	1.67		82.0	40-140			
2-Nitrophenol	1.40	0.34	mg/Kg wet	1.67		84.1	30-130			
4-Nitrophenol	1.54	0.66	mg/Kg wet	1.67		92.7	15-140			†
Pentachlorophenol	1.63	0.34	mg/Kg wet	1.67		97.9	30-130			
Phenanthrene	1.43	0.17	mg/Kg wet	1.67		85.9	40-140			
Phenol	1.48	0.34	mg/Kg wet	1.67		88.5	15-140			†
Pyrene	1.44	0.17	mg/Kg wet	1.67		86.4	40-140			
1,2,4-Trichlorobenzene	1.38	0.34	mg/Kg wet	1.67		82.9	40-140			
2,4,5-Trichlorophenol	0.835	0.34	mg/Kg wet	1.67		50.1	30-130			
2,4,6-Trichlorophenol	1.50	0.34	mg/Kg wet	1.67		90.1	30-130			
Surrogate: 2-Fluorophenol	*6.67*		mg/Kg wet	6.67		100	30-130			
Surrogate: Phenol-d6	*6.88*		mg/Kg wet	6.67		103	30-130			
Surrogate: Nitrobenzene-d5	*3.06*		mg/Kg wet	3.33		91.9	30-130			
Surrogate: 2-Fluorobiphenyl	*3.29*		mg/Kg wet	3.33		98.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.33*		mg/Kg wet	6.67		110	30-130			
Surrogate: Terphenyl-d14	*3.56*		mg/Kg wet	3.33		107	30-130			
LCS Dup (B035864-BSD1)				Prepared: 08/20/11 Analyzed: 08/22/11						
Acenaphthene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140	0.444	30	
Acenaphthylene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140	0.339	30	
Acetophenone	1.47	0.34	mg/Kg wet	1.67		88.0	40-140	1.94	30	
Aniline	0.978	0.34	mg/Kg wet	1.67		58.7	40-140	12.1	30	
Anthracene	1.51	0.17	mg/Kg wet	1.67		90.4	40-140	3.19	30	
Benzo(a)anthracene	1.49	0.17	mg/Kg wet	1.67		89.6	40-140	4.35	30	
Benzo(a)pyrene	1.53	0.17	mg/Kg wet	1.67		91.5	40-140	1.59	30	
Benzo(b)fluoranthene	1.61	0.17	mg/Kg wet	1.67		96.4	40-140	12.2	30	
Benzo(g,h,i)perylene	1.62	0.17	mg/Kg wet	1.67		97.4	40-140	11.8	30	
Benzo(k)fluoranthene	1.56	0.17	mg/Kg wet	1.67		93.8	40-140	10.9	30	
Bis(2-chloroethoxy)methane	1.58	0.34	mg/Kg wet	1.67		95.1	40-140	4.08	30	
Bis(2-chloroethyl)ether	1.39	0.34	mg/Kg wet	1.67		83.2	40-140	7.68	30	
Bis(2-chloroisopropyl)ether	1.37	0.34	mg/Kg wet	1.67		82.0	40-140	5.53	30	
Bis(2-Ethylhexyl)phthalate	1.74	0.34	mg/Kg wet	1.67		104	40-140	4.37	30	
4-Bromophenylphenylether	1.71	0.34	mg/Kg wet	1.67		103	40-140	11.1	30	
Butylbenzylphthalate	1.84	0.66	mg/Kg wet	1.67		110	40-140	3.35	30	
4-Chloroaniline	0.840	0.66	mg/Kg wet	1.67		50.4	15-140	14.0	30	†
2-Chloronaphthalene	1.13	0.34	mg/Kg wet	1.67		67.7	40-140	18.0	30	
2-Chlorophenol	1.43	0.34	mg/Kg wet	1.67		85.9	30-130	5.26	30	
Chrysene	1.49	0.17	mg/Kg wet	1.67		89.6	40-140	1.08	30	
Dibenz(a,h)anthracene	1.60	0.17	mg/Kg wet	1.67		96.2	40-140	11.6	30	
Dibenzofuran	1.48	0.34	mg/Kg wet	1.67		88.7	40-140	0.792	30	
Di-n-butylphthalate	1.62	0.34	mg/Kg wet	1.67		97.2	40-140	3.74	30	
1,2-Dichlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	4.51	30	
1,3-Dichlorobenzene	1.21	0.34	mg/Kg wet	1.67		72.5	40-140	9.84	30	
1,4-Dichlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.1	40-140	3.74	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 B035864 - SW-846 3546										
LCS Dup (B035864-BSD1)				Prepared: 08/20/11 Analyzed: 08/22/11						
3,3-Dichlorobenzidine	1.49	0.17	mg/Kg wet	1.67		89.2	40-140	11.1	30	
2,4-Dichlorophenol	1.57	0.34	mg/Kg wet	1.67		94.1	30-130	10.2	30	
Diethylphthalate	1.44	0.34	mg/Kg wet	1.67		86.7	40-140	2.44	30	
2,4-Dimethylphenol	1.63	0.34	mg/Kg wet	1.67		97.8	30-130	13.8	30	
Dimethylphthalate	1.47	0.66	mg/Kg wet	1.67		88.0	40-140	1.69	30	
2,4-Dinitrophenol	1.31	0.66	mg/Kg wet	1.67		78.7	15-140	3.02	30	†
2,4-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		88.2	40-140	2.15	30	
2,6-Dinitrotoluene	1.54	0.34	mg/Kg wet	1.67		92.5	40-140	2.90	30	
Di-n-octylphthalate	1.91	0.66	mg/Kg wet	1.67		114	40-140	12.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.81	0.34	mg/Kg wet	1.67		109	40-140	12.0	30	
Fluoranthene	1.49	0.17	mg/Kg wet	1.67		89.5	40-140	10.5	30	
Fluorene	1.37	0.17	mg/Kg wet	1.67		82.3	40-140	1.92	30	
Hexachlorobenzene	1.64	0.34	mg/Kg wet	1.67		98.2	40-140	9.27	30	
Hexachlorobutadiene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	2.11	30	
Hexachloroethane	1.25	0.34	mg/Kg wet	1.67		74.8	40-140	9.69	30	
Indeno(1,2,3-cd)pyrene	1.72	0.17	mg/Kg wet	1.67		103	40-140	15.6	30	
Isophorone	1.60	0.34	mg/Kg wet	1.67		95.9	40-140	12.5	30	
2-Methylnaphthalene	1.29	0.17	mg/Kg wet	1.67		77.3	40-140	4.30	30	
2-Methylphenol	0.897	0.34	mg/Kg wet	1.67		53.8	30-130	1.91	30	
3/4-Methylphenol	1.02	0.34	mg/Kg wet	1.67		61.3	30-130	4.94	30	
Naphthalene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140	0.590	30	
Nitrobenzene	1.42	0.34	mg/Kg wet	1.67		85.1	40-140	3.74	30	
2-Nitrophenol	1.48	0.34	mg/Kg wet	1.67		88.5	30-130	5.14	30	
4-Nitrophenol	1.35	0.66	mg/Kg wet	1.67		81.2	15-140	13.2	30	†
Pentachlorophenol	1.65	0.34	mg/Kg wet	1.67		99.0	30-130	1.08	30	
Phenanthrene	1.49	0.17	mg/Kg wet	1.67		89.6	40-140	4.24	30	
Phenol	1.43	0.34	mg/Kg wet	1.67		85.7	15-140	3.24	30	†
Pyrene	1.80	0.17	mg/Kg wet	1.67		108	40-140	22.1	30	
1,2,4-Trichlorobenzene	1.38	0.34	mg/Kg wet	1.67		82.6	40-140	0.290	30	
2,4,5-Trichlorophenol	0.830	0.34	mg/Kg wet	1.67		49.8	30-130	0.601	30	
2,4,6-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.4	30-130	5.38	30	
Surrogate: 2-Fluorophenol	*6.16*		mg/Kg wet	6.67		92.4	30-130			
Surrogate: Phenol-d6	*6.45*		mg/Kg wet	6.67		96.8	30-130			
Surrogate: Nitrobenzene-d5	*3.01*		mg/Kg wet	3.33		90.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.81*		mg/Kg wet	3.33		84.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.92*		mg/Kg wet	6.67		104	30-130			
Surrogate: Terphenyl-d14	*4.26*		mg/Kg wet	3.33		128	30-130			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035867 - SW-846 3546										
Blank (B035867-BLK1)				Prepared: 08/22/11 Analyzed: 08/24/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.223*		mg/Kg wet	0.200		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.272*		mg/Kg wet	0.200		136	30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg wet	0.200		97.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.224*		mg/Kg wet	0.200		112	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035867 - SW-846 3546										
LCS (B035867-BS1)				Prepared: 08/22/11 Analyzed: 08/24/11						
Aldrin	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Aldrin [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
alpha-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		117	40-140			
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		119	40-140			
4,4'-DDD	0.025	0.0040	mg/Kg wet	0.0200		125	40-140			
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		124	40-140			
4,4'-DDE	0.025	0.0040	mg/Kg wet	0.0200		125	40-140			
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		126	40-140			
4,4'-DDT	0.025	0.0040	mg/Kg wet	0.0200		127	40-140			
4,4'-DDT [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140			
Dieldrin	0.025	0.0040	mg/Kg wet	0.0200		125	40-140			
Dieldrin [2C]	0.025	0.0040	mg/Kg wet	0.0200		127	40-140			
Endosulfan I	0.026	0.0050	mg/Kg wet	0.0200		128	40-140			
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140			
Endosulfan II	0.026	0.0080	mg/Kg wet	0.0200		128	40-140			
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		125	40-140			
Endosulfan Sulfate	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endosulfan Sulfate [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140			
Endrin	0.026	0.0080	mg/Kg wet	0.0200		131	40-140			
Endrin [2C]	0.025	0.0080	mg/Kg wet	0.0200		126	40-140			
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		120	40-140			
Endrin Ketone [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140			
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Heptachlor Epoxide	0.026	0.0050	mg/Kg wet	0.0200		128	40-140			
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Methoxychlor	0.026	0.050	mg/Kg wet	0.0200		130	40-140			
Methoxychlor [2C]	0.025	0.050	mg/Kg wet	0.0200		125	40-140			
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.239*		mg/Kg wet	0.200		120	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		99.9	30-150			
LCS Dup (B035867-BSD1)				Prepared: 08/22/11 Analyzed: 08/24/11						
Aldrin	0.025	0.0050	mg/Kg wet	0.0200		127	40-140	3.49	30	
Aldrin [2C]	0.026	0.0050	mg/Kg wet	0.0200		131	40-140	4.77	30	
alpha-BHC	0.025	0.0050	mg/Kg wet	0.0200		127	40-140	3.68	30	
alpha-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	3.77	30	
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		127	40-140	2.88	30	
beta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	3.48	30	
delta-BHC	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	3.21	30	
delta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	4.28	30	
gamma-BHC (Lindane)	0.024	0.0020	mg/Kg wet	0.0200		121	40-140	3.51	30	
gamma-BHC (Lindane) [2C]	0.025	0.0020	mg/Kg wet	0.0200		123	40-140	3.30	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035867 - SW-846 3546										
LCS Dup (B035867-BSD1)				Prepared: 08/22/11 Analyzed: 08/24/11						
4,4'-DDD	0.026	0.0040	mg/Kg wet	0.0200		129	40-140	2.66	30	
4,4'-DDD [2C]	0.026	0.0040	mg/Kg wet	0.0200		128	40-140	3.53	30	
4,4'-DDE	0.026	0.0040	mg/Kg wet	0.0200		128	40-140	2.73	30	
4,4'-DDE [2C]	0.026	0.0040	mg/Kg wet	0.0200		131	40-140	3.22	30	
4,4'-DDT	0.026	0.0040	mg/Kg wet	0.0200		129	40-140	1.98	30	
4,4'-DDT [2C]	0.025	0.0040	mg/Kg wet	0.0200		127	40-140	3.46	30	
Dieldrin	0.026	0.0040	mg/Kg wet	0.0200		129	40-140	3.12	30	
Dieldrin [2C]	0.026	0.0040	mg/Kg wet	0.0200		131	40-140	3.52	30	
Endosulfan I	0.026	0.0050	mg/Kg wet	0.0200		132	40-140	3.00	30	
Endosulfan I [2C]	0.026	0.0050	mg/Kg wet	0.0200		131	40-140	3.44	30	
Endosulfan II	0.026	0.0080	mg/Kg wet	0.0200		131	40-140	2.59	30	
Endosulfan II [2C]	0.026	0.0080	mg/Kg wet	0.0200		129	40-140	3.47	30	
Endosulfan Sulfate	0.027	0.0080	mg/Kg wet	0.0200		133	40-140	3.19	30	
Endosulfan Sulfate [2C]	0.026	0.0080	mg/Kg wet	0.0200		128	40-140	3.41	30	
Endrin	0.027	0.0080	mg/Kg wet	0.0200		136	40-140	3.52	30	
Endrin [2C]	0.026	0.0080	mg/Kg wet	0.0200		131	40-140	4.01	30	
Endrin Ketone	0.025	0.0080	mg/Kg wet	0.0200		123	40-140	2.60	30	
Endrin Ketone [2C]	0.024	0.0080	mg/Kg wet	0.0200		122	40-140	2.80	30	
Heptachlor	0.026	0.0050	mg/Kg wet	0.0200		130	40-140	4.07	30	
Heptachlor [2C]	0.026	0.0050	mg/Kg wet	0.0200		129	40-140	4.06	30	
Heptachlor Epoxide	0.026	0.0050	mg/Kg wet	0.0200		132	40-140	3.00	30	
Heptachlor Epoxide [2C]	0.026	0.0050	mg/Kg wet	0.0200		130	40-140	3.71	30	
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	2.38	30	
Hexachlorobenzene [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	5.46	30	
Methoxychlor	0.027	0.050	mg/Kg wet	0.0200		134	40-140	3.14	30	
Methoxychlor [2C]	0.026	0.050	mg/Kg wet	0.0200		128	40-140	2.46	30	
Surrogate: Decachlorobiphenyl	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		99.8	30-150			

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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 B035866 - SW-846 3546										
Blank (B035866-BLK1)				Prepared & Analyzed: 08/22/11						
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	*0.185*		mg/Kg wet	0.200		92.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.240*		mg/Kg wet	0.200		120	30-150			
LCS (B035866-BS1)				Prepared & Analyzed: 08/22/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.4	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.7	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		94.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		94.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.223*		mg/Kg wet	0.200		111	30-150			
LCS Dup (B035866-BSD1)				Prepared & Analyzed: 08/22/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	4.76	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		121	40-140	4.77	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140	5.58	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140	5.97	30	
Surrogate: Decachlorobiphenyl	*0.197*		mg/Kg wet	0.200		98.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.194*		mg/Kg wet	0.200		97.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.213*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.224*		mg/Kg wet	0.200		112	30-150			

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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 B035866 - SW-846 3546											
Matrix Spike (B035866-MS1)	**Source: 11H0815-04**			Prepared: 08/22/11 Analyzed: 08/23/11							
Aroclor-1016	1.1	0.11	mg/Kg dry	0.215	ND	**526**	*	40-140			MS-21
Aroclor-1016 [2C]	0.72	0.11	mg/Kg dry	0.215	ND	**333**	*	40-140			MS-21
Aroclor-1260	1.5	0.11	mg/Kg dry	0.215	ND	**692**	*	40-140			MS-21
Aroclor-1260 [2C]	1.6	0.11	mg/Kg dry	0.215	ND	**727**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg dry	0.215		92.9		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg dry	0.215		84.8		30-150			
Surrogate: Tetrachloro-m-xylene	*0.208*		mg/Kg dry	0.215		96.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.207*		mg/Kg dry	0.215		96.4		30-150			
Matrix Spike Dup (B035866-MSD1)	**Source: 11H0815-04**			Prepared: 08/22/11 Analyzed: 08/23/11							
Aroclor-1016	1.2	0.11	mg/Kg dry	0.215	ND	**558**	*	40-140	5.96	50	MS-21
Aroclor-1016 [2C]	0.73	0.11	mg/Kg dry	0.215	ND	**337**	*	40-140	1.14	50	MS-21
Aroclor-1260	1.4	0.11	mg/Kg dry	0.215	ND	**636**	*	40-140	8.43	50	MS-21
Aroclor-1260 [2C]	1.5	0.11	mg/Kg dry	0.215	ND	**682**	*	40-140	6.41	50	MS-21
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg dry	0.215		82.1		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg dry	0.215		82.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg dry	0.215		93.9		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.202*		mg/Kg dry	0.215		94.1		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 B035863 - SW-846 3546											
Blank (B035863-BLK1)				Prepared: 08/20/11 Analyzed: 08/23/11							
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet								
Surrogate: o-Terphenyl	*3.10*		mg/Kg wet	3.33		93.1	40-140				
LCS (B035863-BS1)				Prepared: 08/20/11 Analyzed: 08/23/11							
TPH C9-C36 Hydrocarbons as Diesel	27.4	8.3	mg/Kg wet	33.3		82.3	40-140				
Surrogate: o-Terphenyl	*3.31*		mg/Kg wet	3.33		99.4	40-140				
LCS Dup (B035863-BSD1)				Prepared: 08/20/11 Analyzed: 08/23/11							
TPH C9-C36 Hydrocarbons as Diesel	26.1	8.3	mg/Kg wet	33.3		78.2	40-140	5.17		30	
Surrogate: o-Terphenyl	*3.06*		mg/Kg wet	3.33		91.9	40-140				
Matrix Spike (B035863-MS1)	**Source: 11H0815-03**			Prepared: 08/20/11 Analyzed: 08/23/11							
TPH C9-C36 Hydrocarbons as Diesel	80.1	9.1	mg/Kg dry	36.2	63.8	44.9	40-140				R-06
Surrogate: o-Terphenyl	*3.57*		mg/Kg dry	3.62		98.6	40-140				
Matrix Spike Dup (B035863-MSD1)	**Source: 11H0815-03**			Prepared: 08/20/11 Analyzed: 08/23/11							
TPH C9-C36 Hydrocarbons as Diesel	109	9.1	mg/Kg dry	36.2	63.8	124	40-140	**30.4**	*	30	R-06
Surrogate: o-Terphenyl	*3.14*		mg/Kg dry	3.62		86.7	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 B035871 - SW-846 3050B										
Blank (B035871-BLK1)				Prepared & Analyzed: 08/22/11						
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 (B035871-BS1)				Prepared & Analyzed: 08/22/11						
Arsenic	95.0	5.1	mg/Kg wet	92.6		103	83.2-117.4			
Barium	170	5.1	mg/Kg wet	169		101	83.1-116.9			
Cadmium	59.4	0.51	mg/Kg wet	61.8		96.1	80.7-119.1			
Chromium	74.4	1.0	mg/Kg wet	71.3		104	80.6-119.9			
Lead	90.0	1.5	mg/Kg wet	92.4		97.4	78.9-121.1			
Selenium	86.7	10	mg/Kg wet	89.5		96.9	79.2-120.3			
Silver	33.3	1.0	mg/Kg wet	34.4		96.8	66.3-133.7			
LCS (B035871-BS2)				Prepared & Analyzed: 08/22/11						
Lead	0.860	0.74	mg/Kg wet	0.738		117	80-120			
LCS Dup (B035871-BSD1)				Prepared & Analyzed: 08/22/11						
Arsenic	93.7	5.0	mg/Kg wet	92.6		101	83.2-117.4	1.37	30	
Barium	175	5.0	mg/Kg wet	169		104	83.1-116.9	2.85	30	
Cadmium	60.4	0.50	mg/Kg wet	61.8		97.8	80.7-119.1	1.79	30	
Chromium	74.1	1.0	mg/Kg wet	71.3		104	80.6-119.9	0.308	30	
Lead	90.5	1.5	mg/Kg wet	92.4		98.0	78.9-121.1	0.619	30	
Selenium	90.6	10	mg/Kg wet	89.5		101	79.2-120.3	4.36	30	
Silver	33.6	1.0	mg/Kg wet	34.4		97.8	66.3-133.7	1.02	30	
Batch B035880 - SW-846 7471										
Blank (B035880-BLK1)				Prepared & Analyzed: 08/22/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B035880-BS1)				Prepared & Analyzed: 08/22/11						
Mercury	1.21	0.094	mg/Kg wet	1.25		96.4	66-132			
LCS Dup (B035880-BSD1)				Prepared & Analyzed: 08/22/11						
Mercury	1.21	0.094	mg/Kg wet	1.25		96.9	66-132	0.476	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 B035903 - SW-846 9014										
Blank (B035903-BLK1)				Prepared & Analyzed: 08/22/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B035903-BS1)				Prepared & Analyzed: 08/22/11						
Reactive Cyanide	10	0.40	mg/Kg	10.0		104	0-200			
Batch B035908 - SW-846 9030A										
Blank (B035908-BLK1)				Prepared & Analyzed: 08/22/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B035908-BS1)				Prepared & Analyzed: 08/22/11						
Reactive Sulfide	12	2.0	mg/Kg	15.2		76.3	0-200			
Batch B035910 - SM18-20 2510B										
Blank (B035910-BLK1)				Prepared & Analyzed: 08/22/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B035910-BS1)				Prepared & Analyzed: 08/22/11						
Specific conductance	140	2.0	µmhos/cm	147		97.8	78.2-106			

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BREAKDOWN REPORT

Lab Sample ID: **S000972-PEM1** **Analyzed:** **08/24/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.11
Endrin [1]	2.71

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.00
Endrin [2]	3.90

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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.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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-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	Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met. See attached chromatogram(s).

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME
Chloromethane	CT,NH,NY,NC,ME
2-Chlorotoluene	CT,NH,NY,NC,ME
4-Chlorotoluene	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NH,NY,NC,ME
1,3-Dichlorobenzene	CT,NH,NY,NC,ME
1,4-Dichlorobenzene	CT,NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NY,NC,ME
1,1-Dichloroethane	CT,NH,NY,NC,ME
1,2-Dichloroethane	CT,NH,NY,NC,ME
1,1-Dichloroethylene	CT,NH,NY,NC,ME
cis-1,2-Dichloroethylene	CT,NH,NY,NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME
1,2-Dichloropropane	CT,NH,NY,NC,ME
1,3-Dichloropropane	NH,NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME
Hexachlorobutadiene	NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	CT,NH,NY,NC,ME
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME
Tetrachloroethylene	CT,NH,NY,NC,ME
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME
1,1,2-Trichloroethane	CT,NH,NY,NC,ME
Trichloroethylene	CT,NH,NY,NC,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME
1,2,3-Trichloropropane	NH,NY,NC,ME
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H0815

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS RAM NEW BEDFORD
Sampled By: JASON FIERD 617 462 8090

Telephone: 978-970-5600
Project #: 115058
Client PO#: 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	VOCs 8260	SVOCs 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH	REACTIVE CYANIDE & SULFIDE	TPH by 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACTS HOLD
	STKP B3 1	8/19	9:35		✓	S	4	✓										
	STKP B3 6	8/19	9:50	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 7	8/19	10:10	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 8	8/19	10:30	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 9	8/19	11:00	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	08-19-11 23:10 IN																	

	# of Containers	** Preservation	***Container Code
M/D:	15	8	4
	✓	~~NA~~	~~NA~~
	V	A	G

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: FOR % MOISTURE STKP B3 1 USE PREVIOUS VOLUME FROM STKP B31 COLLECTED 8/17 12:40

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) Jason C. Fiero	Date/Time: 8/19 1700	
Received by: (signature)	Date/Time: 8/19/11 1810	
Relinquished by: (signature)	Date/Time: 8-19-11 2024	
Received by: (signature) Paula Blakeboro	Date/Time: 8/19/11 2024	

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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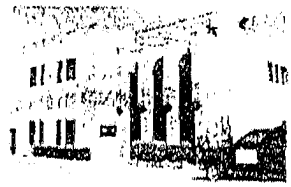
Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: PB DATE: 8/19/11

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

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 [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

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 4.3

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No
Who was notified _____ Date _____ Time _____

7) 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	4
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5
Bisulfate _____ # DI Water 10
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-19-11 23:10 IN

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

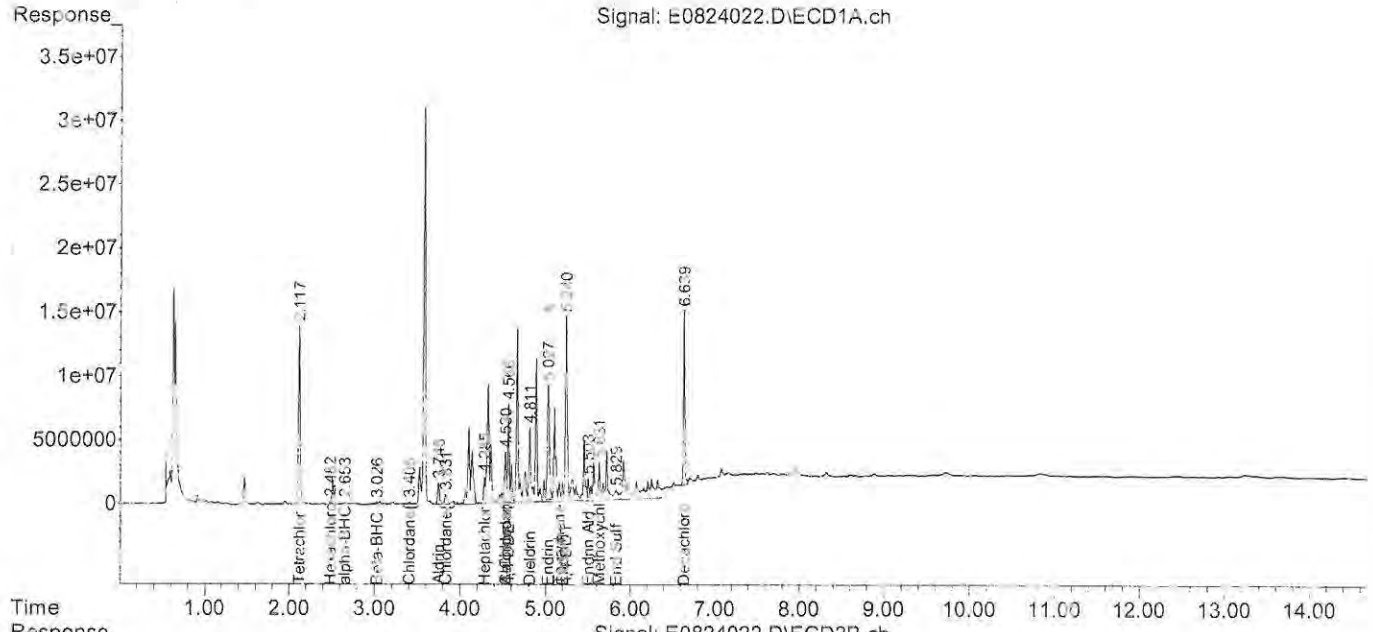
Do all samples have the proper Base pH: Yes No N/A

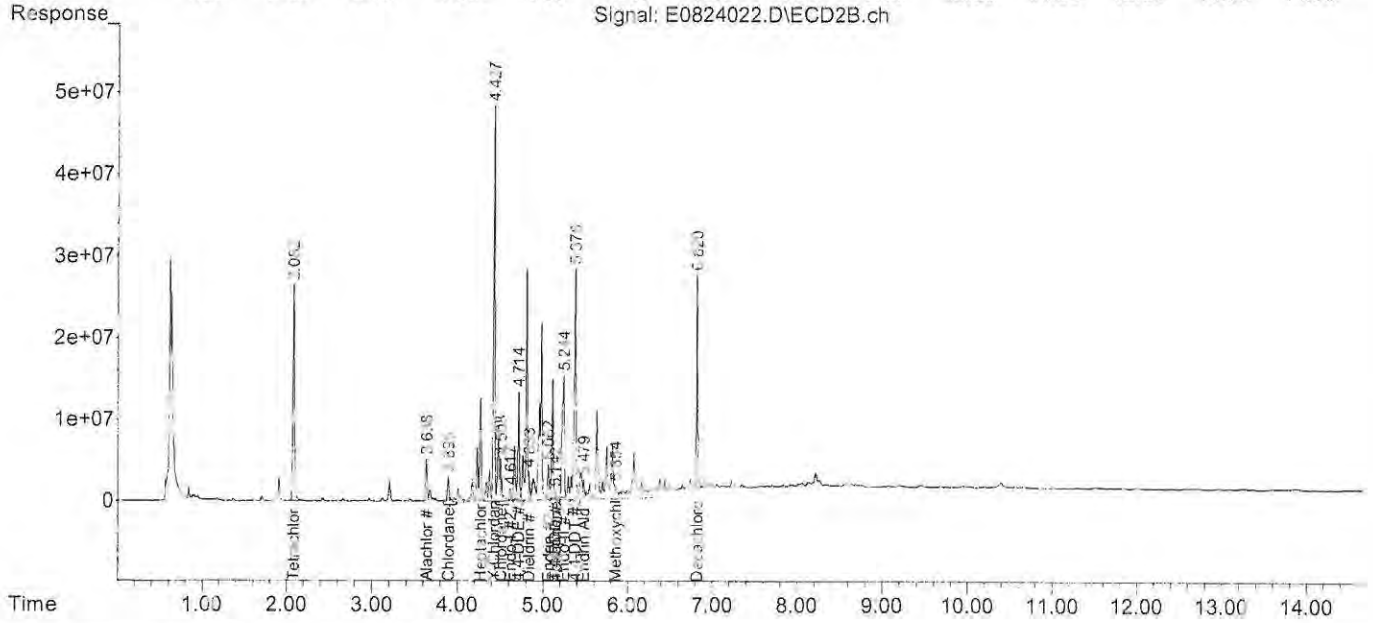
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 2:13 pm
Operator : JMB
Sample : 11H0815-02[illegible]20X Inst : ECD 5
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:20 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



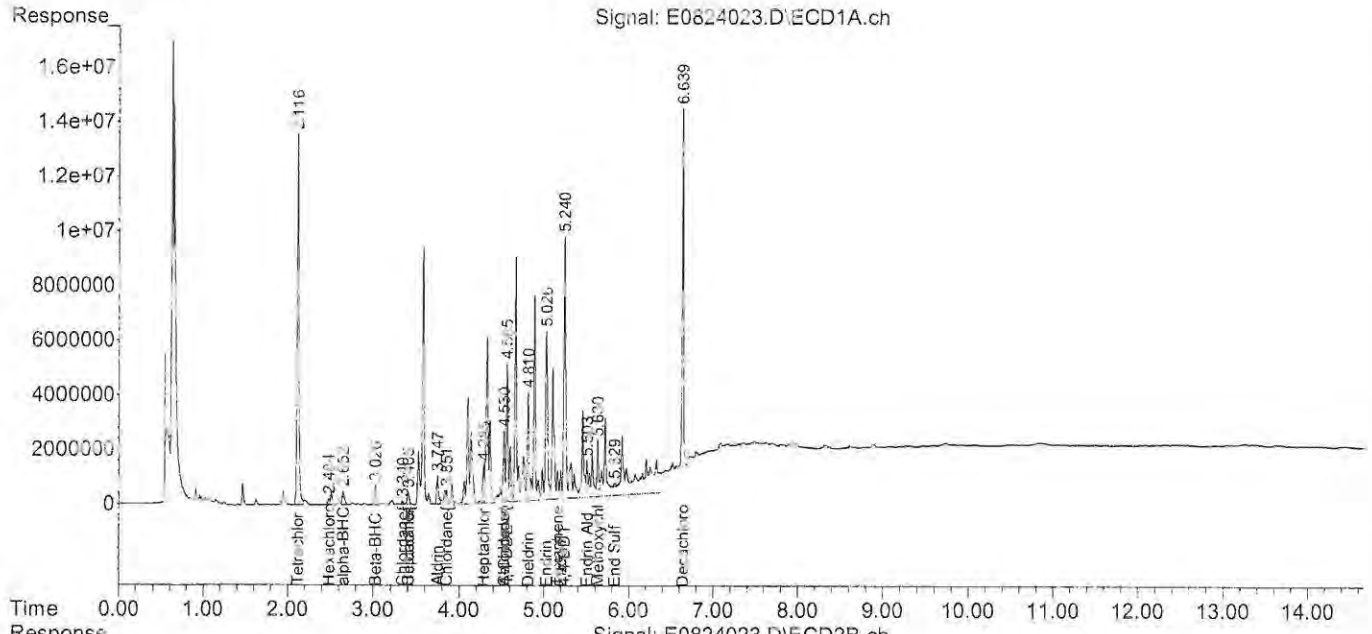


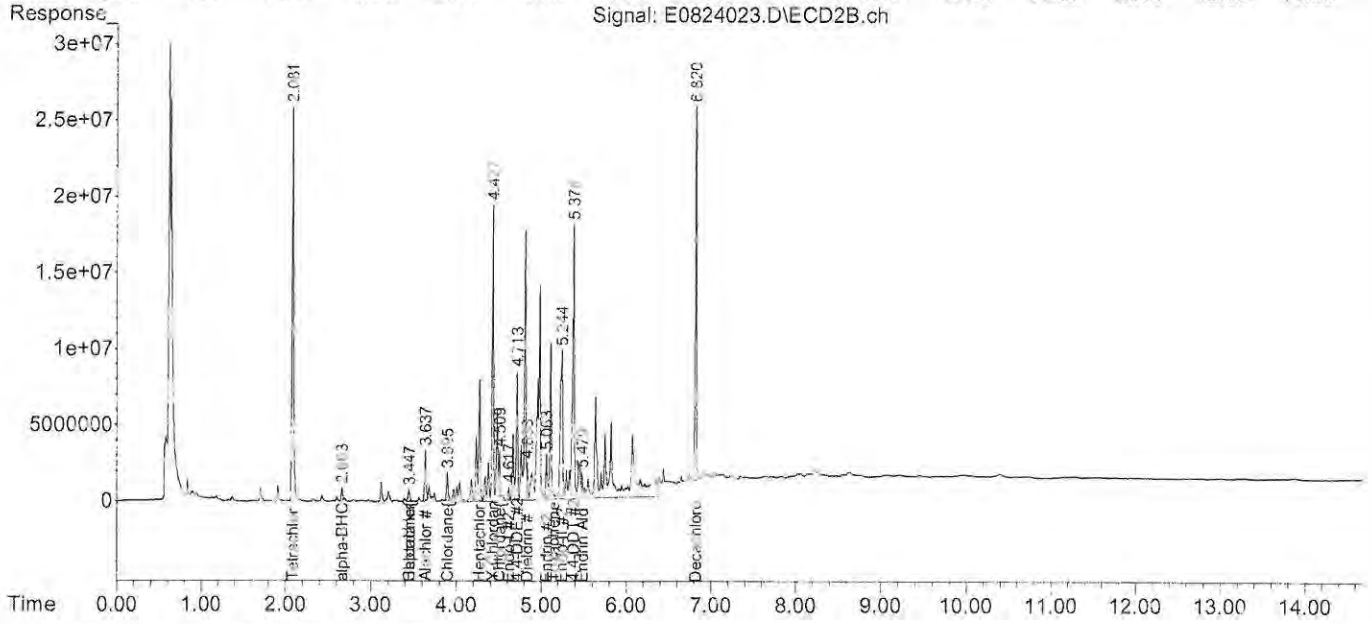
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 2:31 pm
Operator : JMB
Sample : 11H0815-03020X Inst : ECD 5
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:28 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 03/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



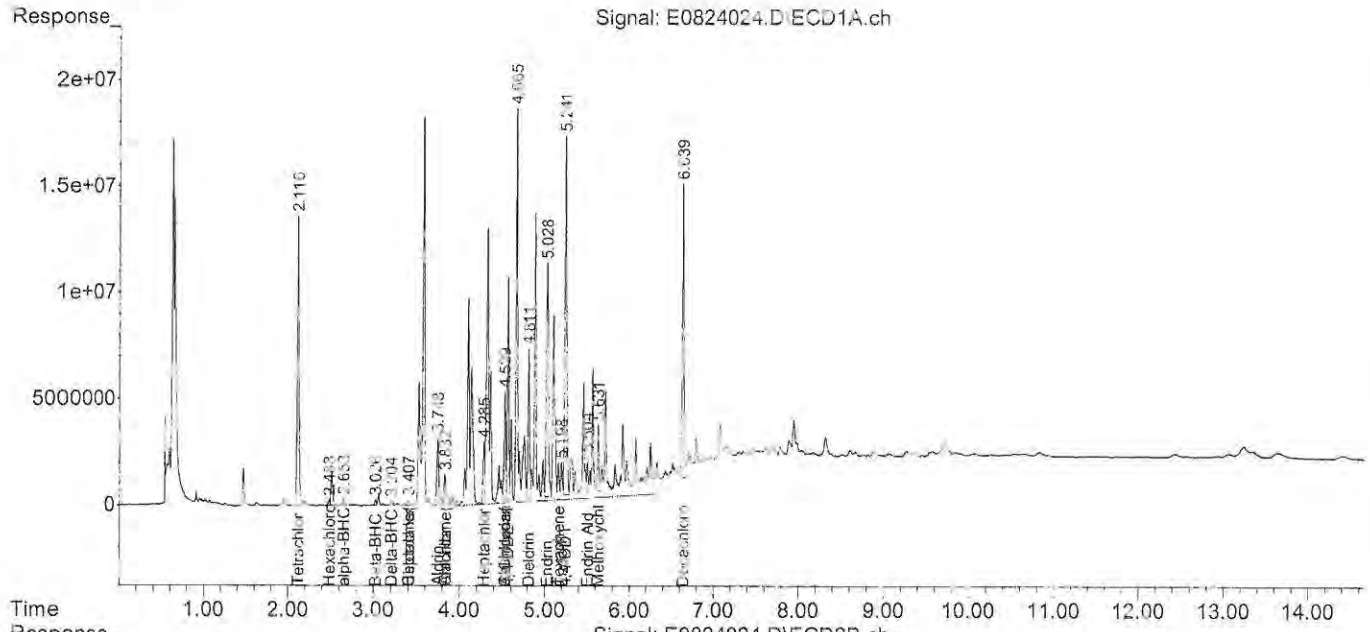


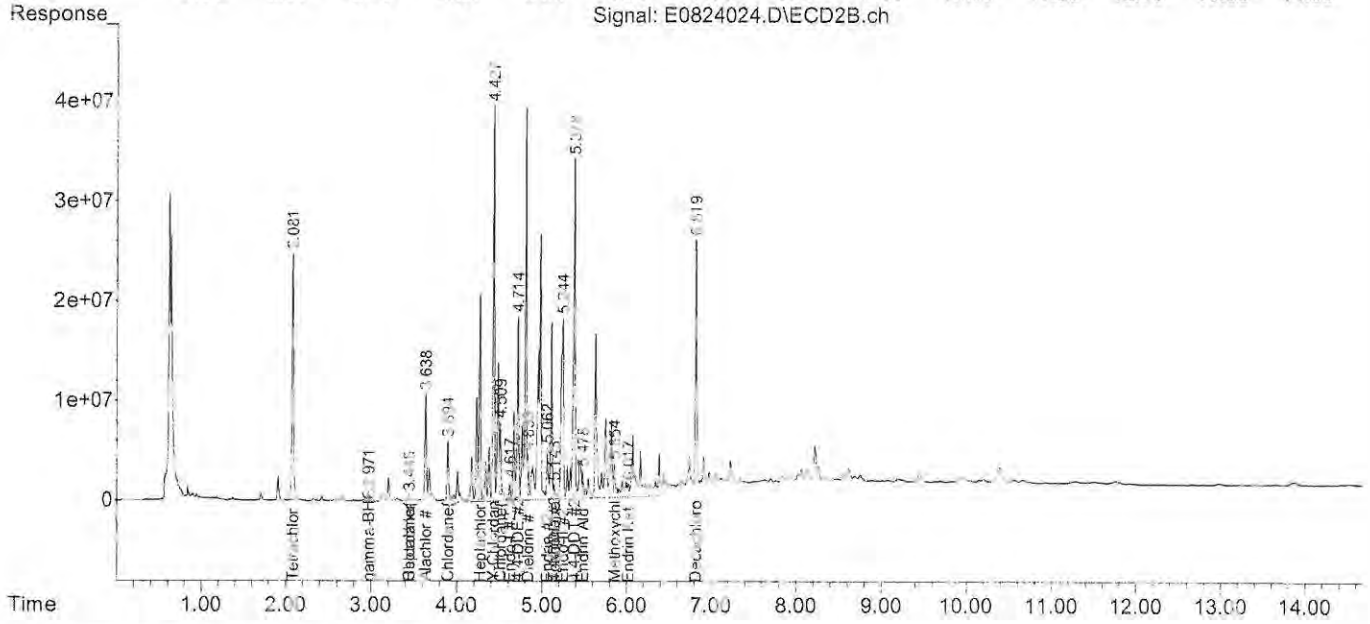
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 2:49 pm
Operator : JMB
Sample : 11H0815-04[illegible]20X Inst : ECD 5
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:36 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



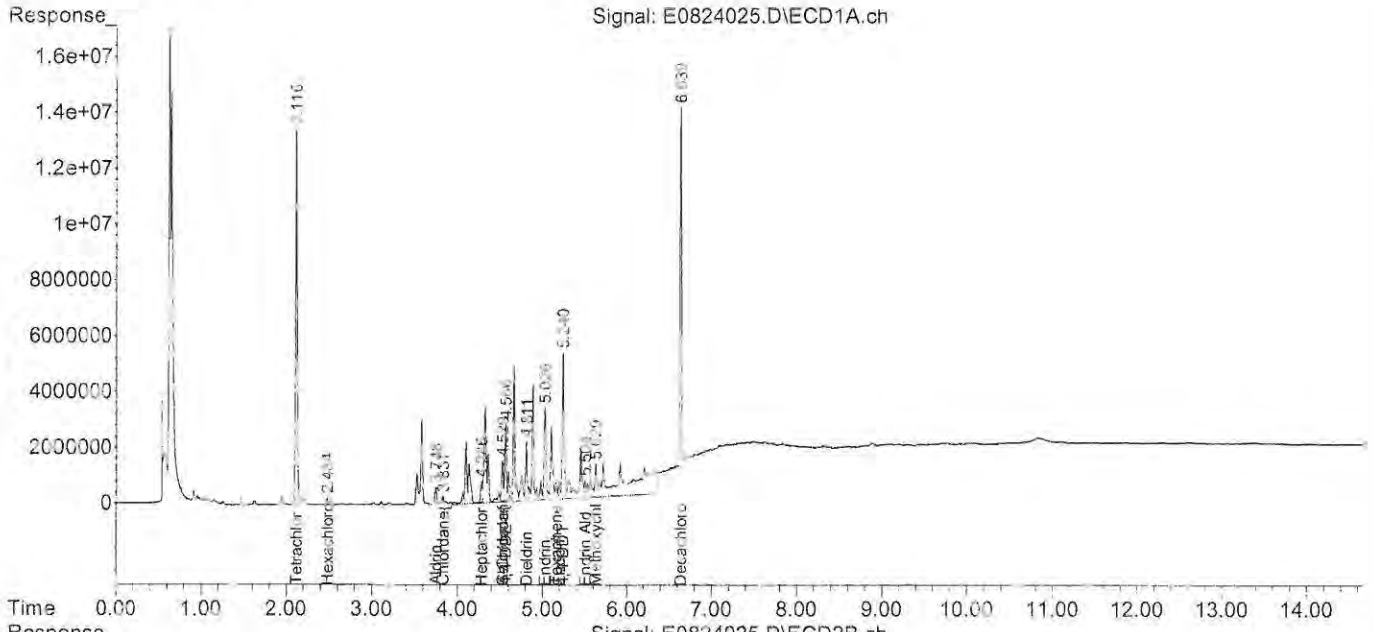


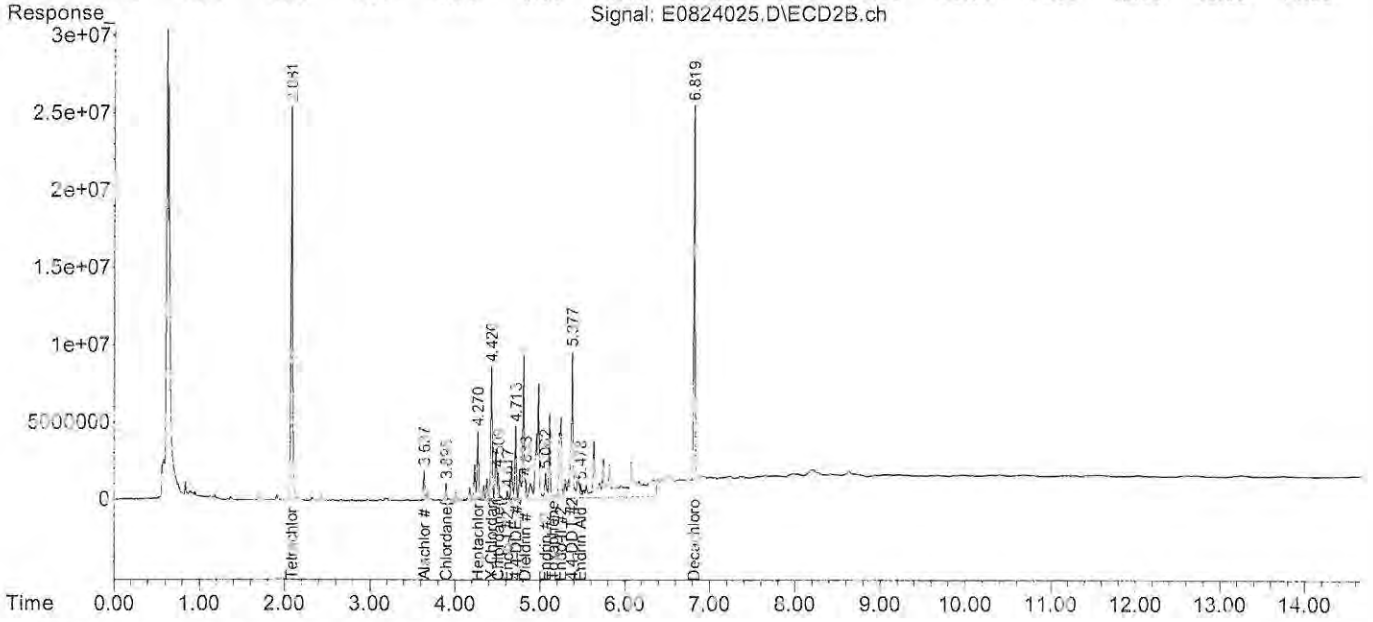
Quantitation Report (Not Reviewed)

Data Path : V:\1\DATA\082411\
Data File : E0824025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2011 3:07 pm
Operator : JMB
Sample : 11H0815-05020X Inst : ECD 5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Aug 24 16:15:44 2011
Quant Method : V:\1\METHODS\Pest methods\5PEST082411.M
DataAcq Meth:NEWPEST.M
Quant Title : PEST 08/20/11 CHLOR 08/17/11 TOX 08/17/11
QLast Update : Sun Aug 21 09:08:27 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H0815
Project Location: NBHS Ram New Bedford	RTN:

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

11H0815-01 thru 11H0815-05

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 (X)	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: 08/25/11

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

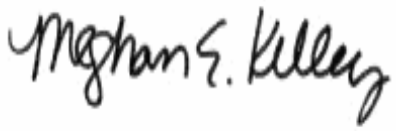
August 26, 2011

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

Project Location: NBHS Ram New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1013

Enclosed are results of analyses for samples received by the laboratory on August 25, 2011. 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: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1013

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-B3-1	11H1013-01	Soil		SW-846 1311	
				SW-846 6010C	
STKP-B3-2	11H1013-02	Soil		SW-846 1311	
				SW-846 6010C	
STKP-B3-3	11H1013-03	Soil		SW-846 1311	
				SW-846 6010C	
STKP-B3-4	11H1013-04	Soil		SW-846 1311	
				SW-846 6010C	

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ANALYTICAL LABORATORY
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 lead was requested and reported.

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: NBHS Ram New Bedford | Sample Description: | Work Order: 11H1013

Date Received: 8/25/2011

Field Sample #: STKP-B3-1 | Sampled: 8/17/2011 12:40

Sample ID: 11H1013-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.11	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 14:45	KSH

con-test® ANALYTICAL LABORATORY
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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H1013

Date Received: 8/25/2011

Field Sample #: STKP-B3-2 | Sampled: 8/17/2011 13:20

Sample ID: 11H1013-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.48	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 14:51	KSH

con-test® ANALYTICAL LABORATORY
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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H1013

Date Received: 8/25/2011

Field Sample #: STKP-B3-3 | Sampled: 8/17/2011 13:40

Sample ID: 11H1013-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.21	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 14:57	KSH

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Project Location: NBHS Ram New Bedford | Sample Description: | Work Order: 11H1013

Date Received: 8/25/2011

Field Sample #: STKP-B3-4 | Sampled: 8/17/2011 14:00

Sample ID: 11H1013-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.19	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 15:02	KSH

con-test® ANALYTICAL LABORATORY
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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 8/26/2011 per SW-846 1311 in Batch B036309**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1013-01 [STKP-B3-1]	B036294	50.0	50.0	08/26/11
11H1013-02 [STKP-B3-2]	B036294	50.0	50.0	08/26/11
11H1013-03 [STKP-B3-3]	B036294	50.0	50.0	08/26/11
11H1013-04 [STKP-B3-4]	B036294	50.0	50.0	08/26/11

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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 B036294 - SW-846 3010A										
Blank (B036294-BLK1)				Prepared & Analyzed: 08/26/11						
Lead	ND	0.010	mg/L							
LCS (B036294-BS1)				Prepared & Analyzed: 08/26/11						
Lead	0.498	0.010	mg/L	0.500		99.6	80-120			
LCS Dup (B036294-BSD1)				Prepared & Analyzed: 08/26/11						
Lead	0.499	0.010	mg/L	0.500		99.8	80-120	0.194	20	

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

11H1013

CHAIN OF CUSTODY RECORD

11H0672

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS RAM NEW BEDFORD
Sampled By: JASON FIERO

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

Telephone: 978 970 5600
Project #: 115058
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ☑ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER ____
○ "Enhanced Data Package"

								ANALYSIS REQUESTED											
# of Containers								12	15										
** Preservation																			
***Container Code								✓	A	A	A	A	A	A	A	A	A	A
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	VOCs 8260	SVOCs 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH	REACTIVE CYANIDE & SULFIDES	TPH BY 8100 MOD DRO	CONDUCTIVITY	TCLP RCRA 8 EXTRACT & HOLD
-01	STKP-B3-1	8/17	12:40	✓			U		✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP-B3-2	"	13:20	✓	VOC		U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP-B3-3	"	13:40	✓	VOC		U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-04	STKP-B3-4	"	14:00	✓	VOC		U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-05	STKP-B3-5	"	14:20	✓	VOC		U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

(#) TCLP lead activated per Dave S. HS 8/25

08-17-11 19:55 IN

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 CONTACT JEFF SAUNDERS OR DENNIS TO CONFIRM PO# AND TAT.

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 / Received	Date/Time
Relinquished by: (signature) [signature]	8/17 17:32
Received by: (signature) [signature]	8/17 1732
Relinquished by: (signature) [signature]	8/17/11 1918
Received by: (signature) [signature] 2.0 °C	8/17/11 1945

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

Detection Limit Requirements
Massachusetts: TURNKEY X
COMM 97
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 12:01 PM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Holly,

Thanks for the reports.

Based on these results, please proceed with the TCLP lead analyses for TRC samples STKP-B2-1 and STKP-B2-2 (11H0570) as well as samples STKP-B3-1, STKP-B3-2, STKP-B3-3 and STKP-B3-4 (11H0672).

Please proceed with the quickest available turnaround time. I believe all of these samples were submitted as "extract and hold" for TCLP, so I'm hoping that the results can be turnaround around quickly...possibly by tomorrow???

Thanks.

-Jeff

From: Holly Folsom [mailto:hfolsom@contestlabs.com]
Sent: Thursday, August 25, 2011 11:34 AM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Theresa Ferrentino'; 'Meghan Kelley'; 'Thomas E. Veratti'
Subject: RE: Misc. Authorizations

Please find attached the Draft report for 11H0672.

The final report for 11H0570 has been reported.

Please let us know if you have any other questions.

Thanks,

Holly Folsom
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-2332 x50
HFolsom@contestlabs.com

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 9:45 AM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Theresa Ferrentino'; 'Meghan Kelley'; 'Thomas E.

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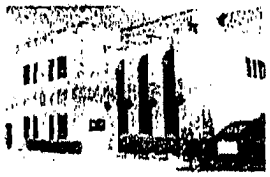

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: [signature] DATE: 8/17/11

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

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 2.0 °C

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

Who was notified _____ Date _____ Time _____

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

Who was notified N/A Date 8/17/11 Time 1a

7) 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	
250 mL Amber (8oz amber)	15	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4

Bisulfate _____ # DI Water 8

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-17-11 19:55 IN

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

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

Doc# 277

Rev. 1 May 2011

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H1013
Project Location: NBHS Ram New Bedford	RTN:

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

11H1013-01 thru 11H1013-04

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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: 08/26/11

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

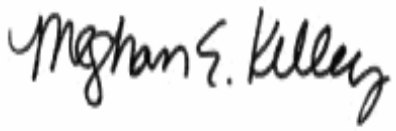
August 26, 2011

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

Project Location: NBHS Ram New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H1017

Enclosed are results of analyses for samples received by the laboratory on August 25, 2011. 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: 8/26/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1017

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

PROJECT LOCATION: NBHS Ram New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP B3 6	11H1017-01	Soil		SW-846 1311 SW-846 6010C	

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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 lead was requested and reported.

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: NBHS Ram New Bedford | Sample Description: | Work Order: 11H1017

Date Received: 8/25/2011

Field Sample #: STKP B3 6 | Sampled: 8/19/2011 09:50

Sample ID: 11H1017-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.44	0.010	mg/L	1		SW-846 6010C	8/26/11	8/26/11 15:23	KSH

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 8/26/2011 per SW-846 1311 in Batch B036309**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1017-01 [STKP B3 6]	B036294	50.0	50.0	08/26/11

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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 B036294 - SW-846 3010A										
Blank (B036294-BLK1)				Prepared & Analyzed: 08/26/11						
Lead	ND	0.010	mg/L							
LCS (B036294-BS1)				Prepared & Analyzed: 08/26/11						
Lead	0.498	0.010	mg/L	0.500		99.6	80-120			
LCS Dup (B036294-BSD1)				Prepared & Analyzed: 08/26/11						
Lead	0.499	0.010	mg/L	0.500		99.8	80-120	0.194	20	

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com

11H1017 1110815

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS RAM NEW BEDFORD
Sampled By: JASON FIERO 617 462 8090
Project Proposal Provided? (for billing purposes) ○ yes ______ proposal date

Telephone: 978-970-5600
Project #: 115058
Client PO#: 36222
DATA DELIVERY (check all that apply): ○ FAX ☑ EMAIL ☑ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ○ GIS ○ OTHER ______ ○ "Enhanced Data Package"

M/D:

	VOCs 8260	SVOCs 8270	RCRA 8 METALS.	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
# of Containers	15	8	4								
** Preservation	~~V~~	~~NA~~	~~NA~~								
***Container Code	V	A	G								

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs 8260	SVOCs 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/CORROSIVITY	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS
	STKP B3 1	8/19	9:35		✓	S	U	✓										
-01	STKP B3 6 (*)	8/19	9:50	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 7	8/19	10:10	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 8	8/19	10:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
	STKP B3 9	8/19	11:00	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

(*) Sample activated for TCLP Lead per Jeff S. AF 8/25

08-19-11 23:10 IN

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: FOR % MOISTURE STKP B3 1 USE PREVIOUS VOLUME FROM STKP B3 1 COLLECTED 8/17 12:40

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

Signature	Date/Time
Relinquished by: (signature) Jason C. Fiero	8/19 1410
Received by: (signature) [signature]	8/19/11 1410
Relinquished by: (signature) [signature]	8-19-11 2024
Received by: (signature) Paula Blakeboro	8/19/11 2024

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ______

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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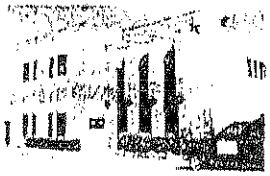

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: PB DATE: 8/19/11

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

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 [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

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 4.3

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No
Who was notified _____ Date _____ Time _____

7) 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	4
250 mL Amber (8oz amber)	8	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5
Bisulfate _____ # DI Water 10
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-19-11 23:10 IN

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

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

Doc# 277

Rev. 1 May 2011

Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 1:08 PM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Holly,

One more...I know that the 11H0815 report is not final yet, but based on the preliminary results available on the website I would like to authorize the TCLP lead for sample STKP-B3-6 as well. Once again, rush it as much as you can.

Thanks!

-Jeff

From: Holly Folsom [mailto:hfolsom@contestlabs.com]
Sent: Thursday, August 25, 2011 12:14 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Thanks, I will activate these for a 24-hour TAT for the result to you for tomorrow. Let me know if you have any other questions.

Holly Folsom
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-2332 x50
HFolsom@contestlabs.com

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Thursday, August 25, 2011 12:01 PM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US); 'Meghan Kelley'
Subject: RE: Misc. Authorizations

Holly,

Thanks for the reports.

Based on these results, please proceed with the TCLP lead analyses for TRC samples STKP-B2-1 and STKP-B2-2 (11H0570) as well as samples STKP-B3-1, STKP-B3-2, STKP-B3-3 and STKP-B3-4 (11H0672).

Please proceed with the quickest available turnaround time. I believe all of these samples were submitted as "extract and hold" for TCLP, so I'm hoping that the results can be turnaround around quickly...possibly by tomorrow???

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H1017
Project Location: NBHS Ram New Bedford	RTN:

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

11H1017-01

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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: 08/26/11

Stockpile C

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

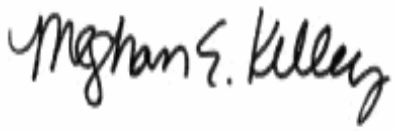
July 21, 2011

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

Project Location: NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0270

Enclosed are results of analyses for samples received by the laboratory on July 12, 2011. 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: 7/21/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0270

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

PROJECT LOCATION: NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-C-1	11G0270-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8015C	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

con-test® ANALYTICAL LABORATORY

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 RCRA 5 metals and TCLP lead results were requested and reported.

For method 6010, sample was reprepared and reanalyzed for lead. Reproducibility between multiple sample preparations, duplicate analyses and matrix spiked samples was not achieved. Non homogenous sample confirmed. Both sets of results are reported.

SW-846 6010C

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Barium, Lead

11G0270-01[STKP-C-1], B033659-MS1, 11G0270-01RE1[STKP-C-1], B033791-MS1, B033946-MS1

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Lead

11G0270-01[STKP-C-1], 11G0270-01RE1[STKP-C-1], B033659-DUP1, B033791-DUP1

SW-846 8015C

Qualifications:

Results in the diesel organics range are primarily due to overlap from a heavy oil range product.

Analyte & Samples(s) Qualified:

Diesel Range Organics

11G0270-01[STKP-C-1]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Tetrahydrofuran

B033587-BS1, B033587-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:

Diethyl Ether

B033587-BS1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Acetone

B033587-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:

2-Butanone (MEK), Dichlorodifluoromethane (Freon 12)

B033587-BS1, B033587-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:

Acetone

11G0270-01[STKP-C-1], B033587-BLK1, B033587-BS1, B033587-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 1,2-Dibromo-3-chloropropane (DBCP), Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Naphthalene, Tetrahydrofuran

11G0270-01[STKP-C-1], B033587-BLK1, B033587-BS1, B033587-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

11G0270-01[STKP-C-1], B033587-BLK1, B033587-BS1, B033587-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:

2-Butanone (MEK), Methylene Chloride

B033587-BS1, B033587-BSD1

SW-846 8270D

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:

Aniline

11G0270-01[STKP-C-1], B033623-BLK1, B033623-BS1, B033623-BSD1

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

B033623-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11G0270-01[STKP-C-1]

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, Benzo(g,h,i)perylene

11G0270-01[STKP-C-1], B033623-BLK1, B033623-BS1, B033623-BSD1

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

Analyte & Samples(s) Qualified:

Di-n-octylphthalate, Fluoranthene

B033623-BLK1, B033623-BS1, B033623-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:

2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Nitrophenol, Bis(2-Ethylhexyl)phthalate, Butylbenzylphthalate

11G0270-01[STKP-C-1]

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

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

Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	R-05, V-16	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Carbon Disulfide	ND	0.0067	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Chlorodibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0045	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	7/13/11	7/13/11 14:10	MFF

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

Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-05, V-16	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1	V-05	SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	7/13/11	7/13/11 14:10	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	97.6	70-130		7/13/11 14:10
Toluene-d8	101	70-130		7/13/11 14:10
4-Bromofluorobenzene	89.1	70-130		7/13/11 14:10

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

Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	4.1	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Acenaphthylene	0.48	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Acetophenone	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Aniline	ND	0.77	mg/Kg dry	1	L-04	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Anthracene	7.5	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Benzo(a)anthracene	14	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Benzo(a)pyrene	11	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Benzo(b)fluoranthene	16	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Benzo(g,h,i)perylene	5.5	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Benzo(k)fluoranthene	5.6	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Bis(2-chloroethoxy)methane	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Bis(2-chloroethyl)ether	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Bis(2-chloroisopropyl)ether	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.77	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
4-Bromophenylphenylether	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08, V-20	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2-Chloronaphthalene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2-Chlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Chrysene	12	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Dibenz(a,h)anthracene	1.4	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Dibenzofuran	3.3	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Di-n-butylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
1,2-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
1,3-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
1,4-Dichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4-Dichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Diethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4-Dimethylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-04, V-20	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4-Dinitrotoluene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,6-Dinitrotoluene	ND	0.77	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Fluoranthene	28	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Fluorene	4.4	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Hexachlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Hexachlorobutadiene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Hexachloroethane	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Indeno(1,2,3-cd)pyrene	6.3	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Isophorone	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL

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

Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2-Methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
3/4-Methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Naphthalene	4.2	0.38	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Nitrobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2-Nitrophenol	ND	0.77	mg/Kg dry	1	V-20	SW-846 8270D	7/14/11	7/19/11 16:55	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Pentachlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Phenanthrene	29	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
Phenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
Pyrene	26	3.8	mg/Kg dry	10		SW-846 8270D	7/14/11	7/20/11 15:27	BGL
1,2,4-Trichlorobenzene	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4,5-Trichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL
2,4,6-Trichlorophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	7/14/11	7/19/11 16:55	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	75.8	30-130		7/19/11 16:55
Phenol-d6	73.0	30-130		7/19/11 16:55
Nitrobenzene-d5	72.5	30-130		7/19/11 16:55
2-Fluorobiphenyl	77.0	30-130		7/19/11 16:55
2,4,6-Tribromophenol	68.8	30-130		7/19/11 16:55
Terphenyl-d14	74.2	30-130		7/19/11 16:55

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Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

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	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1254 [1]	1.8	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1260 [2]	1.0	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	7/14/11	7/16/11 9:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.9	30-150		7/16/11 9:43
Decachlorobiphenyl [2]	81.3	30-150		7/16/11 9:43
Tetrachloro-m-xylene [1]	79.7	30-150		7/16/11 9:43
Tetrachloro-m-xylene [2]	79.0	30-150		7/16/11 9:43

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Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diesel Range Organics	290	190	mg/Kg dry	10	O-11	SW-846 8015C	7/14/11	7/16/11 18:54	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	60.4	40-140		7/16/11 18:54

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Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.9	2.8	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 16:34	KSH
Barium	720	2.8	mg/Kg dry	1	MS-19	SW-846 6010C	7/14/11	7/15/11 15:28	KSH
Cadmium	1.6	0.28	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 15:28	KSH
Chromium	30	0.56	mg/Kg dry	1		SW-846 6010C	7/18/11	7/18/11 16:34	KSH
Lead	1900	0.84	mg/Kg dry	1	MS-19, R-02	SW-846 6010C	7/14/11	7/15/11 15:28	KSH
Lead	940	0.84	mg/Kg dry	1	MS-19, R-02	SW-846 6010C	7/18/11	7/18/11 16:34	KSH
Mercury	3.0	0.27	mg/Kg dry	10		SW-846 7471B	7/14/11	7/14/11 15:45	CWB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 15:28	KSH
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	7/14/11	7/15/11 15:28	KSH

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Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

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	9.4	2.0	µmhos/cm	1		SM18-20 2510B	7/13/11	7/13/11 14:00	LL
% Solids	88.2		% Wt	1		SM 2540G	7/14/11	7/15/11 9:54	MXG

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Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11G0270

Date Received: 7/12/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11G0270-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	6.4	0.010	mg/L	1	MS-19	SW-846 6010C	7/19/11	7/20/11 11:15	KSH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0270-01 [STKP-C-1]	B033645	07/14/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11G0270-01 [STKP-C-1]	B033595	1.00	07/13/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033659	1.01	50.0	07/14/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01RE1 [STKP-C-1]	B033791	1.01	50.0	07/18/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 7/14/2011 per SW-846 1311 in Batch B033648**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033946	50.0	50.0	07/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033601	0.624	50.0	07/14/11

Prep Method: SW-846 3546-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033621	30.0	2.00	07/14/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033688	10.0	50.0	07/14/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033587	5.07	10.0	07/13/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0270-01 [STKP-C-1]	B033623	30.1	2.00	07/14/11

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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 B033587 - SW-846 5035										
Blank (B033587-BLK1)				Prepared & Analyzed: 07/13/11						
Acetone	ND	0.10	mg/Kg wet							R-05, 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	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	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	0.0040	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							V-05
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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	0.0040	mg/Kg wet							V-05

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 B033587 - SW-846 5035												
Blank (B033587-BLK1)				Prepared & Analyzed: 07/13/11								
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-05, V-16	
Toluene	ND	0.0020	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								V-05	
1,2,4-Trichlorobenzene	ND	0.0020	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	*0.0469*		mg/Kg wet	0.0500		93.8		70-130				
Surrogate: Toluene-d8	*0.0510*		mg/Kg wet	0.0500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0450*		mg/Kg wet	0.0500		90.0		70-130				
LCS (B033587-BS1)				Prepared & Analyzed: 07/13/11								
Acetone	0.353	0.10	mg/Kg wet	0.200		**176**	*	40-160			L-07A, R-05, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0221	0.0010	mg/Kg wet	0.0200		111		70-130				
Benzene	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130				
Bromobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
Bromochloromethane	0.0249	0.0020	mg/Kg wet	0.0200		124		70-130				
Bromodichloromethane	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
Bromoform	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
Bromomethane	0.0191	0.010	mg/Kg wet	0.0200		95.5		40-160				†
2-Butanone (MEK)	0.309	0.040	mg/Kg wet	0.200		154		40-160			L-14, V-16, V-20	†
n-Butylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
sec-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
tert-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0197	0.0010	mg/Kg wet	0.0200		98.4		70-130				
Carbon Disulfide	0.0233	0.0060	mg/Kg wet	0.0200		117		70-130				
Carbon Tetrachloride	0.0192	0.0020	mg/Kg wet	0.0200		96.2		70-130				
Chlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130				
Chlorodibromomethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130				
Chloroethane	0.0186	0.010	mg/Kg wet	0.0200		92.8		70-130				
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110		70-130				
Chloromethane	0.0161	0.010	mg/Kg wet	0.0200		80.5		40-160				†
2-Chlorotoluene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
4-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0168	0.0040	mg/Kg wet	0.0200		84.2		70-130			V-05	
1,2-Dibromoethane (EDB)	0.0230	0.0010	mg/Kg wet	0.0200		115		70-130				
Dibromomethane	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130				
1,2-Dichlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,4-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		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 B033587 - SW-846 5035												
LCS (B033587-BS1)				Prepared & Analyzed: 07/13/11								
Dichlorodifluoromethane (Freon 12)	0.0110	0.010	mg/Kg wet	0.0200		54.8		40-160			L-14, V-05	†
1,1-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2-Dichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3		70-130				
1,1-Dichloroethylene	0.0242	0.0040	mg/Kg wet	0.0200		121		70-130				
cis-1,2-Dichloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
trans-1,2-Dichloroethylene	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130				
1,2-Dichloropropane	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
1,3-Dichloropropane	0.0223	0.0010	mg/Kg wet	0.0200		112		70-130				
2,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.5		70-130				
1,1-Dichloropropene	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
trans-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		105		70-130				
Diethyl Ether	0.0266	0.010	mg/Kg wet	0.0200		**133**	*	70-130			L-07	
Diisopropyl Ether (DIPE)	0.0232	0.0010	mg/Kg wet	0.0200		116		70-130				
1,4-Dioxane	0.230	0.10	mg/Kg wet	0.200		115		40-160			V-16	†
Ethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130				
Hexachlorobutadiene	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130			V-05	
2-Hexanone (MBK)	0.243	0.020	mg/Kg wet	0.200		121		40-160				†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130				
p-Isopropyltoluene (p-Cymene)	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0225	0.0040	mg/Kg wet	0.0200		112		70-130				
Methylene Chloride	0.0252	0.010	mg/Kg wet	0.0200		126		70-130			V-20	
4-Methyl-2-pentanone (MIBK)	0.231	0.020	mg/Kg wet	0.200		116		40-160				†
Naphthalene	0.0181	0.0040	mg/Kg wet	0.0200		90.6		70-130			V-05	
n-Propylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Styrene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,1,1,2-Tetrachloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,2,2-Tetrachloroethane	0.0239	0.0010	mg/Kg wet	0.0200		120		70-130				
Tetrachloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
Tetrahydrofuran	0.0304	0.010	mg/Kg wet	0.0200		**152**	*	70-130			L-02, V-05, V-16	
Toluene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130				
1,2,3-Trichlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.9		70-130			V-05	
1,2,4-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8		70-130			V-05	
1,1,1-Trichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.3		70-130				
1,1,2-Trichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
Trichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Trichlorofluoromethane (Freon 11)	0.0174	0.010	mg/Kg wet	0.0200		87.2		70-130				
1,2,3-Trichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130				
1,2,4-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,3,5-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
Vinyl Chloride	0.0206	0.010	mg/Kg wet	0.0200		103		70-130				
m+p Xylene	0.0464	0.0040	mg/Kg wet	0.0400		116		70-130				
o-Xylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0463*		mg/Kg wet	0.0500		92.6		70-130				
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0474*		mg/Kg wet	0.0500		94.8		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 B033587 - SW-846 5035												
LCS Dup (B033587-BSD1)				Prepared & Analyzed: 07/13/11								
Acetone	0.247	0.10	mg/Kg wet	0.200		124	40-160	**35.2**	*	20	R-05, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	4.15		20		
Benzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.91		20		
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	6.52		20		
Bromochloromethane	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	1.95		20		
Bromodichloromethane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	6.00		20		
Bromoform	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	9.37		20		
Bromomethane	0.0191	0.010	mg/Kg wet	0.0200		95.3	40-160	0.210		20		†
2-Butanone (MEK)	0.259	0.040	mg/Kg wet	0.200		129	40-160	17.6		20	V-16, V-20	†
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	3.86		20		
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.26		20		
tert-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.726		20		
tert-Butyl Ethyl Ether (TBEE)	0.0186	0.0010	mg/Kg wet	0.0200		92.8	70-130	5.86		20		
Carbon Disulfide	0.0225	0.0060	mg/Kg wet	0.0200		112	70-130	3.75		20		
Carbon Tetrachloride	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130	1.99		20		
Chlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	3.55		20		
Chlorodibromomethane	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130	6.23		20		
Chloroethane	0.0179	0.010	mg/Kg wet	0.0200		89.4	70-130	3.73		20		
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		105	70-130	4.09		20		
Chloromethane	0.0157	0.010	mg/Kg wet	0.0200		78.3	40-160	2.77		20		†
2-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	2.30		20		
4-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	2.95		20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0153	0.0040	mg/Kg wet	0.0200		76.4	70-130	9.71		20	V-05	
1,2-Dibromoethane (EDB)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	6.19		20		
Dibromomethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	4.04		20		
1,2-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	4.16		20		
1,3-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.39		20		
1,4-Dichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.60		20		
Dichlorodifluoromethane (Freon 12)	0.0108	0.010	mg/Kg wet	0.0200		54.1	40-160	1.29		20	L-14, V-05	†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.64		20		
1,2-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	4.32		20		
1,1-Dichloroethylene	0.0230	0.0040	mg/Kg wet	0.0200		115	70-130	5.18		20		
cis-1,2-Dichloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.48		20		
trans-1,2-Dichloroethylene	0.0255	0.0020	mg/Kg wet	0.0200		128	70-130	0.548		20		
1,2-Dichloropropane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.73		20		
1,3-Dichloropropane	0.0211	0.0010	mg/Kg wet	0.0200		105	70-130	5.71		20		
2,2-Dichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130	3.67		20		
1,1-Dichloropropene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	1.72		20		
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.0	70-130	5.51		20		
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.4	70-130	6.11		20		
Diethyl Ether	0.0239	0.010	mg/Kg wet	0.0200		119	70-130	10.6		20		
Diisopropyl Ether (DIPE)	0.0223	0.0010	mg/Kg wet	0.0200		112	70-130	4.04		20		
1,4-Dioxane	0.221	0.10	mg/Kg wet	0.200		111	40-160	3.94		20	V-16	†
Ethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.78		20		
Hexachlorobutadiene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130	0.315		20	V-05	
2-Hexanone (MBK)	0.211	0.020	mg/Kg wet	0.200		106	40-160	13.8		20		†
Isopropylbenzene (Cumene)	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	4.06		20		
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	3.09		20		
Methyl tert-Butyl Ether (MTBE)	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130	4.36		20		
Methylene Chloride	0.0246	0.010	mg/Kg wet	0.0200		123	70-130	2.41		20	V-20	
4-Methyl-2-pentanone (MIBK)	0.214	0.020	mg/Kg wet	0.200		107	40-160	7.85		20		†
Naphthalene	0.0180	0.0040	mg/Kg wet	0.0200		89.9	70-130	0.776		20	V-05	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B033587 - SW-846 5035											
LCS Dup (B033587-BSD1)				Prepared & Analyzed: 07/13/11							
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	0.648	20	
Styrene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	4.01	20	
1,1,1,2-Tetrachloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.4		70-130	6.36	20	
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130	9.18	20	
Tetrachloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	4.40	20	
Tetrahydrofuran	0.0285	0.010	mg/Kg wet	0.0200		**143**	*	70-130	6.38	20	L-02, V-05, V-16
Toluene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	4.96	20	
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.1		70-130	0.947	20	V-05
1,2,4-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.2		70-130	0.678	20	V-05
1,1,1-Trichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	4.33	20	
1,1,2-Trichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	5.59	20	
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.68	20	
Trichlorofluoromethane (Freon 11)	0.0166	0.010	mg/Kg wet	0.0200		82.8		70-130	5.18	20	
1,2,3-Trichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.7		70-130	6.15	20	
1,2,4-Trimethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	0.596	20	
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	3.86	20	
Vinyl Chloride	0.0202	0.010	mg/Kg wet	0.0200		101		70-130	1.86	20	
m+p Xylene	0.0451	0.0040	mg/Kg wet	0.0400		113		70-130	2.84	20	
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	2.01	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0457*		mg/Kg wet	0.0500		91.4		70-130			
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0463*		mg/Kg wet	0.0500		92.7		70-130			

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 B033623 - SW-846 3546										
Blank (B033623-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
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							L-04
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							V-04
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							V-05
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							V-05
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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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B033623 - SW-846 3546												
Blank (B033623-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11								
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	*5.28*		mg/Kg wet	6.67		79.2		30-130				
Surrogate: Phenol-d6	*4.85*		mg/Kg wet	6.67		72.7		30-130				
Surrogate: Nitrobenzene-d5	*2.01*		mg/Kg wet	3.33		60.4		30-130				
Surrogate: 2-Fluorobiphenyl	*2.14*		mg/Kg wet	3.33		64.3		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.73*		mg/Kg wet	6.67		101		30-130				
Surrogate: Terphenyl-d14	*2.89*		mg/Kg wet	3.33		86.7		30-130				
LCS (B033623-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Acenaphthene	0.985	0.17	mg/Kg wet	1.67		59.1		40-140				
Acenaphthylene	0.965	0.17	mg/Kg wet	1.67		57.9		40-140				
Acetophenone	1.48	0.34	mg/Kg wet	1.67		89.0		40-140				
Aniline	0.639	0.34	mg/Kg wet	1.67		**38.3**	*	40-140			L-04	
Anthracene	1.05	0.17	mg/Kg wet	1.67		62.8		40-140				
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.4		40-140				
Benzo(a)pyrene	1.25	0.17	mg/Kg wet	1.67		75.3		40-140				
Benzo(b)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.5		40-140				
Benzo(g,h,i)perylene	1.23	0.17	mg/Kg wet	1.67		73.6		40-140			V-04	
Benzo(k)fluoranthene	1.21	0.17	mg/Kg wet	1.67		72.5		40-140				
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.67		68.5		40-140				
Bis(2-chloroethyl)ether	1.00	0.34	mg/Kg wet	1.67		60.2		40-140				
Bis(2-chloroisopropyl)ether	0.938	0.34	mg/Kg wet	1.67		56.3		40-140				
Bis(2-Ethylhexyl)phthalate	1.14	0.34	mg/Kg wet	1.67		68.3		40-140				
4-Bromophenylphenylether	1.10	0.34	mg/Kg wet	1.67		66.1		40-140				
Butylbenzylphthalate	1.13	0.66	mg/Kg wet	1.67		67.8		40-140				
4-Chloroaniline	0.797	0.66	mg/Kg wet	1.67		47.8		15-140				†
2-Chloronaphthalene	0.940	0.34	mg/Kg wet	1.67		56.4		40-140				
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		65.0		30-130				
Chrysene	1.05	0.17	mg/Kg wet	1.67		63.0		40-140				
Dibenz(a,h)anthracene	1.25	0.17	mg/Kg wet	1.67		74.8		40-140				
Dibenzofuran	1.16	0.34	mg/Kg wet	1.67		69.9		40-140				
Di-n-butylphthalate	1.15	0.34	mg/Kg wet	1.67		69.0		40-140				
1,2-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		62.0		40-140				
1,3-Dichlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.4		40-140				
1,4-Dichlorobenzene	1.10	0.34	mg/Kg wet	1.67		65.8		40-140				
3,3-Dichlorobenzidine	0.875	0.17	mg/Kg wet	1.67		52.5		40-140				
2,4-Dichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.3		30-130				
Diethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1		40-140				
2,4-Dimethylphenol	1.15	0.34	mg/Kg wet	1.67		68.9		30-130				
Dimethylphthalate	1.21	0.66	mg/Kg wet	1.67		72.6		40-140				
2,4-Dinitrophenol	1.60	0.66	mg/Kg wet	1.67		96.1		15-140				†
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.9		40-140				
2,6-Dinitrotoluene	1.31	0.34	mg/Kg wet	1.67		78.4		40-140				
Di-n-octylphthalate	1.32	0.66	mg/Kg wet	1.67		78.9		40-140			V-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.01	0.34	mg/Kg wet	1.67		60.5		40-140				
Fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.8		40-140			V-05	
Fluorene	1.16	0.17	mg/Kg wet	1.67		69.7		40-140				
Hexachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.3		40-140				

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 B033623 - SW-846 3546												
LCS (B033623-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Hexachlorobutadiene	1.10	0.34	mg/Kg wet	1.67		66.0		40-140				
Hexachloroethane	1.14	0.34	mg/Kg wet	1.67		68.3		40-140				
Indeno(1,2,3-cd)pyrene	1.14	0.17	mg/Kg wet	1.67		68.6		40-140				
Isophorone	1.04	0.34	mg/Kg wet	1.67		62.5		40-140				
2-Methylnaphthalene	1.09	0.17	mg/Kg wet	1.67		65.4		40-140				
2-Methylphenol	1.01	0.34	mg/Kg wet	1.67		60.5		30-130				
3/4-Methylphenol	0.592	0.34	mg/Kg wet	1.67		35.5		30-130				
Naphthalene	0.954	0.17	mg/Kg wet	1.67		57.2		40-140				
Nitrobenzene	0.977	0.34	mg/Kg wet	1.67		58.6		40-140				
2-Nitrophenol	1.04	0.34	mg/Kg wet	1.67		62.6		30-130				
4-Nitrophenol	1.95	0.66	mg/Kg wet	1.67		117		15-140				†
Pentachlorophenol	1.55	0.34	mg/Kg wet	1.67		92.9		30-130				
Phenanthrene	1.03	0.17	mg/Kg wet	1.67		61.6		40-140				
Phenol	1.02	0.34	mg/Kg wet	1.67		61.1		15-140				†
Pyrene	1.11	0.17	mg/Kg wet	1.67		66.6		40-140				
1,2,4-Trichlorobenzene	1.10	0.34	mg/Kg wet	1.67		66.1		40-140				
2,4,5-Trichlorophenol	1.33	0.34	mg/Kg wet	1.67		80.0		30-130				
2,4,6-Trichlorophenol	1.17	0.34	mg/Kg wet	1.67		69.9		30-130				
Surrogate: 2-Fluorophenol	*4.77*		mg/Kg wet	6.67		71.5		30-130				
Surrogate: Phenol-d6	*4.31*		mg/Kg wet	6.67		64.7		30-130				
Surrogate: Nitrobenzene-d5	*2.13*		mg/Kg wet	3.33		64.0		30-130				
Surrogate: 2-Fluorobiphenyl	*2.06*		mg/Kg wet	3.33		61.9		30-130				
Surrogate: 2,4,6-Tribromophenol	*7.14*		mg/Kg wet	6.67		107		30-130				
Surrogate: Terphenyl-d14	*2.72*		mg/Kg wet	3.33		81.7		30-130				
LCS Dup (B033623-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11								
Acenaphthene	1.06	0.17	mg/Kg wet	1.67		63.6		40-140	7.34	30		
Acenaphthylene	1.04	0.17	mg/Kg wet	1.67		62.5		40-140	7.67	30		
Acetophenone	1.64	0.34	mg/Kg wet	1.67		98.7		40-140	10.3	30		
Aniline	0.518	0.34	mg/Kg wet	1.67		**31.1**	*	40-140	20.9	30	L-04	
Anthracene	1.11	0.17	mg/Kg wet	1.67		66.7		40-140	5.90	30		
Benzo(a)anthracene	1.12	0.17	mg/Kg wet	1.67		67.3		40-140	5.85	30		
Benzo(a)pyrene	1.31	0.17	mg/Kg wet	1.67		78.6		40-140	4.37	30		
Benzo(b)fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.5		40-140	5.11	30		
Benzo(g,h,i)perylene	1.27	0.17	mg/Kg wet	1.67		76.3		40-140	3.68	30	V-04	
Benzo(k)fluoranthene	1.28	0.17	mg/Kg wet	1.67		76.8		40-140	5.78	30		
Bis(2-chloroethoxy)methane	1.24	0.34	mg/Kg wet	1.67		74.7		40-140	8.60	30		
Bis(2-chloroethyl)ether	1.02	0.34	mg/Kg wet	1.67		61.1		40-140	1.42	30		
Bis(2-chloroisopropyl)ether	1.06	0.34	mg/Kg wet	1.67		63.6		40-140	12.2	30		
Bis(2-Ethylhexyl)phthalate	1.17	0.34	mg/Kg wet	1.67		70.4		40-140	3.09	30		
4-Bromophenylphenylether	1.24	0.34	mg/Kg wet	1.67		74.1		40-140	11.5	30		
Butylbenzylphthalate	1.15	0.66	mg/Kg wet	1.67		69.2		40-140	1.96	30		
4-Chloroaniline	0.623	0.66	mg/Kg wet	1.67		37.4		15-140	24.5	30	L-15	†
2-Chloronaphthalene	0.997	0.34	mg/Kg wet	1.67		59.8		40-140	5.85	30		
2-Chlorophenol	1.13	0.34	mg/Kg wet	1.67		67.7		30-130	4.10	30		
Chrysene	1.11	0.17	mg/Kg wet	1.67		66.4		40-140	5.38	30		
Dibenz(a,h)anthracene	1.29	0.17	mg/Kg wet	1.67		77.6		40-140	3.57	30		
Dibenzofuran	1.25	0.34	mg/Kg wet	1.67		75.2		40-140	7.31	30		
Di-n-butylphthalate	1.24	0.34	mg/Kg wet	1.67		74.6		40-140	7.77	30		
1,2-Dichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.8		40-140	2.86	30		
1,3-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.7		40-140	1.94	30		
1,4-Dichlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.3		40-140	0.818	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 B033623 - SW-846 3546											
LCS Dup (B033623-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11							
3,3-Dichlorobenzidine	0.782	0.17	mg/Kg wet	1.67		46.9	40-140	11.2	30		
2,4-Dichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130	7.25	30		
Diethylphthalate	1.42	0.34	mg/Kg wet	1.67		85.4	40-140	7.71	30		
2,4-Dimethylphenol	1.24	0.34	mg/Kg wet	1.67		74.4	30-130	7.68	30		
Dimethylphthalate	1.28	0.66	mg/Kg wet	1.67		77.0	40-140	5.91	30		
2,4-Dinitrophenol	1.58	0.66	mg/Kg wet	1.67		95.0	15-140	1.11	30		†
2,4-Dinitrotoluene	1.50	0.34	mg/Kg wet	1.67		90.3	40-140	4.93	30		
2,6-Dinitrotoluene	1.38	0.34	mg/Kg wet	1.67		82.8	40-140	5.48	30		
Di-n-octylphthalate	1.52	0.66	mg/Kg wet	1.67		91.4	40-140	14.6	30	V-05	
1,2-Diphenylhydrazine (as Azobenzene)	1.13	0.34	mg/Kg wet	1.67		67.8	40-140	11.4	30		
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.7	40-140	7.31	30	V-05	
Fluorene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140	6.87	30		
Hexachlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.2	40-140	10.8	30		
Hexachlorobutadiene	1.14	0.34	mg/Kg wet	1.67		68.2	40-140	3.19	30		
Hexachloroethane	1.20	0.34	mg/Kg wet	1.67		71.7	40-140	4.91	30		
Indeno(1,2,3-cd)pyrene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	6.00	30		
Isophorone	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	13.6	30		
2-Methylnaphthalene	1.18	0.17	mg/Kg wet	1.67		70.6	40-140	7.68	30		
2-Methylphenol	1.12	0.34	mg/Kg wet	1.67		67.3	30-130	10.6	30		
3/4-Methylphenol	0.700	0.34	mg/Kg wet	1.67		42.0	30-130	16.7	30		
Naphthalene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	5.93	30		
Nitrobenzene	1.06	0.34	mg/Kg wet	1.67		63.4	40-140	7.87	30		
2-Nitrophenol	1.12	0.34	mg/Kg wet	1.67		67.1	30-130	6.97	30		
4-Nitrophenol	1.96	0.66	mg/Kg wet	1.67		118	15-140	0.699	30		†
Pentachlorophenol	1.60	0.34	mg/Kg wet	1.67		96.0	30-130	3.26	30		
Phenanthrene	1.08	0.17	mg/Kg wet	1.67		65.1	40-140	5.46	30		
Phenol	1.10	0.34	mg/Kg wet	1.67		66.0	15-140	7.65	30		†
Pyrene	1.00	0.17	mg/Kg wet	1.67		60.2	40-140	10.1	30		
1,2,4-Trichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140	4.35	30		
2,4,5-Trichlorophenol	1.43	0.34	mg/Kg wet	1.67		85.9	30-130	7.14	30		
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.9	30-130	5.56	30		
Surrogate: 2-Fluorophenol	*4.93*		mg/Kg wet	6.67		73.9	30-130				
Surrogate: Phenol-d6	*4.65*		mg/Kg wet	6.67		69.8	30-130				
Surrogate: Nitrobenzene-d5	*2.20*		mg/Kg wet	3.33		65.9	30-130				
Surrogate: 2-Fluorobiphenyl	*2.17*		mg/Kg wet	3.33		65.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.31*		mg/Kg wet	6.67		110	30-130				
Surrogate: Terphenyl-d14	*2.41*		mg/Kg wet	3.33		72.2	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 B033688 - SW-846 3546										
Blank (B033688-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
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	*0.154*		mg/Kg wet	0.200		77.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.151*		mg/Kg wet	0.200		75.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg wet	0.200		88.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.3	30-150			
LCS (B033688-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		90.6	40-140			
Aroclor-1016 [2C]	0.17	0.10	mg/Kg wet	0.200		86.2	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		88.9	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		89.0	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.5	30-150			
LCS Dup (B033688-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		92.1	40-140	1.63	30	
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		88.3	40-140	2.42	30	
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		92.0	40-140	3.47	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		91.9	40-140	3.28	30	
Surrogate: Decachlorobiphenyl	*0.171*		mg/Kg wet	0.200		85.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.166*		mg/Kg wet	0.200		83.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.7	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 B033621 - SW-846 3546										
Blank (B033621-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Diesel Range Organics	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.69*		mg/Kg wet	3.33		80.6	40-140			
LCS (B033621-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Diesel Range Organics	23.6	8.3	mg/Kg wet	33.3		70.7	40-140			
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	40-140			
LCS Dup (B033621-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11						
Diesel Range Organics	23.6	8.3	mg/Kg wet	33.3		70.7	40-140	0.105		
Surrogate: o-Terphenyl	*2.56*		mg/Kg wet	3.33		76.9	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 B033601 - SW-846 7471											
Blank (B033601-BLK1)				Prepared & Analyzed: 07/14/11							
Mercury	ND	0.025	mg/Kg wet								
LCS (B033601-BS1)				Prepared & Analyzed: 07/14/11							
Mercury	1.04	0.093	mg/Kg wet	1.25		83.0	66-132				
LCS Dup (B033601-BSD1)				Prepared & Analyzed: 07/14/11							
Mercury	1.04	0.092	mg/Kg wet	1.25		82.9	66-132	0.102		30	
Batch B033659 - SW-846 3050B											
Blank (B033659-BLK1)				Prepared: 07/14/11 Analyzed: 07/15/11							
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 (B033659-BS1)				Prepared: 07/14/11 Analyzed: 07/15/11							
Arsenic	95.3	5.0	mg/Kg wet	92.6		103	83.2-117.4				
Barium	186	5.0	mg/Kg wet	169		110	83.1-116.9				
Cadmium	69.3	0.50	mg/Kg wet	61.8		112	80.7-119.1				
Chromium	78.6	1.0	mg/Kg wet	71.3		110	80.6-119.9				
Lead	89.9	1.5	mg/Kg wet	92.4		97.3	78.9-121.1				
Selenium	90.8	10	mg/Kg wet	89.5		101	79.2-120.3				
Silver	35.2	1.0	mg/Kg wet	34.4		102	66.3-133.7				
LCS (B033659-BS2)				Prepared: 07/14/11 Analyzed: 07/15/11							
Lead	0.734	0.76	mg/Kg wet	0.763		96.2	80-120				
LCS Dup (B033659-BSD1)				Prepared: 07/14/11 Analyzed: 07/15/11							
Arsenic	94.9	5.0	mg/Kg wet	92.6		103	83.2-117.4	0.352		30	
Barium	176	5.0	mg/Kg wet	169		104	83.1-116.9	5.62		30	
Cadmium	66.5	0.50	mg/Kg wet	61.8		108	80.7-119.1	4.14		30	
Chromium	75.2	1.0	mg/Kg wet	71.3		105	80.6-119.9	4.42		30	
Lead	87.4	1.5	mg/Kg wet	92.4		94.5	78.9-121.1	2.85		30	
Selenium	89.6	10	mg/Kg wet	89.5		100	79.2-120.3	1.36		30	
Silver	33.3	1.0	mg/Kg wet	34.4		96.8	66.3-133.7	5.65		30	
Duplicate (B033659-DUP1)	**Source: 11G0270-01**			Prepared: 07/14/11 Analyzed: 07/15/11							
Barium	574	2.8	mg/Kg dry		720			22.6		35	
Cadmium	1.71	0.28	mg/Kg dry		1.58			7.99		35	
Lead	772	0.84	mg/Kg dry		1920			**85.3**	*	35	R-02
Selenium	ND	5.6	mg/Kg dry		ND			NC		35	
Silver	ND	0.56	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 B033659 - SW-846 3050B											
Matrix Spike (B033659-MS1)	**Source: 11G0270-01**			Prepared: 07/14/11 Analyzed: 07/15/11							
Barium	657	2.8	mg/Kg dry	27.8	720	**-226**	*	75-125			MS-19
Cadmium	30.4	0.28	mg/Kg dry	27.8	1.58	104		75-125			
Lead	917	0.83	mg/Kg dry	27.8	1920	**-3600**	*	75-125			MS-19
Selenium	22.0	5.6	mg/Kg dry	27.8	ND	79.2		75-125			
Silver	26.6	0.56	mg/Kg dry	27.8	ND	95.5		75-125			
Batch B033791 - SW-846 3050B											
Blank (B033791-BLK1)				Prepared & Analyzed: 07/18/11							
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 (B033791-BS1)				Prepared & Analyzed: 07/18/11							
Arsenic	89.5	5.0	mg/Kg wet	92.6		96.6		83.2-117.4			
Barium	171	5.0	mg/Kg wet	169		101		83.1-116.9			
Cadmium	61.9	0.50	mg/Kg wet	61.8		100		80.7-119.1			
Chromium	69.6	1.0	mg/Kg wet	71.3		97.6		80.6-119.9			
Lead	84.9	1.5	mg/Kg wet	92.4		91.9		78.9-121.1			
Selenium	83.8	10	mg/Kg wet	89.5		93.6		79.2-120.3			
Silver	32.9	1.0	mg/Kg wet	34.4		95.7		66.3-133.7			
LCS (B033791-BS2)				Prepared & Analyzed: 07/18/11							
Lead	0.778	0.73	mg/Kg wet	0.727		107		80-120			
LCS Dup (B033791-BSD1)				Prepared & Analyzed: 07/18/11							
Arsenic	91.2	5.1	mg/Kg wet	92.6		98.5		83.2-117.4	1.93	30	
Barium	174	5.1	mg/Kg wet	169		103		83.1-116.9	2.03	30	
Cadmium	61.4	0.51	mg/Kg wet	61.8		99.3		80.7-119.1	0.928	30	
Chromium	69.9	1.0	mg/Kg wet	71.3		98.1		80.6-119.9	0.436	30	
Lead	86.9	1.5	mg/Kg wet	92.4		94.1		78.9-121.1	2.35	30	
Selenium	85.7	10	mg/Kg wet	89.5		95.8		79.2-120.3	2.31	30	
Silver	33.0	1.0	mg/Kg wet	34.4		95.8		66.3-133.7	0.0894	30	
Duplicate (B033791-DUP1)	**Source: 11G0270-01RE1**			Prepared & Analyzed: 07/18/11							
Arsenic	5.16	2.8	mg/Kg dry		3.92				27.2	35	
Chromium	25.0	0.56	mg/Kg dry		30.4				19.3	35	
Lead	3350	0.84	mg/Kg dry		935				**113**	* 35	R-02

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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 B033791 - SW-846 3050B											
Matrix Spike (B033791-MS1)		**Source: 11G0270-01RE1**		Prepared & Analyzed: 07/18/11							
Arsenic	33.4	2.8	mg/Kg dry	28.5	3.92	104		75-125			
Chromium	55.1	0.57	mg/Kg dry	28.5	30.4	86.7		75-125			
Lead	859	0.85	mg/Kg dry	28.5	935	**-270**	*	75-125			MS-19

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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 B033595 - SM18-20 2510B										
Blank (B033595-BLK1)				Prepared & Analyzed: 07/13/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B033595-BS1)				Prepared & Analyzed: 07/13/11						
Specific conductance	140	2.0	µmhos/cm	147		97.3	78.2-106			

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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 B033946 - SW-846 3010A											
Blank (B033946-BLK1)				Prepared: 07/19/11 Analyzed: 07/20/11							
Lead	ND	0.010	mg/L								
LCS (B033946-BS1)				Prepared: 07/19/11 Analyzed: 07/20/11							
Lead	0.498	0.010	mg/L	0.500		99.5		80-120			
LCS Dup (B033946-BSD1)				Prepared: 07/19/11 Analyzed: 07/20/11							
Lead	0.496	0.010	mg/L	0.500		99.2		80-120	0.355	20	
Matrix Spike (B033946-MS1)	**Source: 11G0270-01**			Prepared: 07/19/11 Analyzed: 07/20/11							
Lead	6.99	0.010	mg/L	0.500	6.36	**127**	*	75-125			MS-19

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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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
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.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
O-11	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
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. Increased 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-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 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8015C in Soil	
Diesel Range Organics	NY,NH
o-Terphenyl	NY,NH
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Toluene	CT,NH,NY,NC,ME
1,2,3-Trichlorobenzene	NC
1,2,4-Trichlorobenzene	NH,NY,NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME
1,1,2-Trichloroethane	CT,NH,NY,NC,ME
Trichloroethylene	CT,NH,NY,NC,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME
1,2,3-Trichloropropane	NH,NY,NC,ME
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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 8270D 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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

11C0270

Company Name: TRC
Address: 650 Suffolk St
Lowell, MA 01854
Attention: David Sullivan
Project Location: NBHS Ram Disposal
Sampled By: Charles Foster

Telephone: 978-970-5600
Project # 115058
Client PO# 34220 & 35060

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

Project Proposal Provided? (for billing purposes)
☒ yes 2007 proposal date

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	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: (As, Cd, Cr, Pb, Hg) RCRA 5 Metals	ANALYSIS REQUESTED: SVOC's	ANALYSIS REQUESTED: VOC's High Low	ANALYSIS REQUESTED: PCB's	ANALYSIS REQUESTED: TPH (ORO)	ANALYSIS REQUESTED: TCLP Metals (Hold)	ANALYSIS REQUESTED: Conductivity
-01	STKP-C-1	7/12/11 1100	7/12/11 1000	X	X/Comp	S	U	2	I	A	X	X	X	X	X	H	X
								2	I	A							
								3	M/O	V							
								2	I	A							
								2	I	A							
								2	I	A							
								2	I	A							
	Extract and hold TCLP per attached email. 07-12-11 17:54 IN																

Comments: H = HOLD FOR POTENTIAL TCLP Post Metals Results
1 BOUNCE JAR EXTRA VOA LINE PROVIDED

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

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 DI H2O

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

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	07/12/11 1600		7-12-11 1600
	7-12-11		7-12-11 1720
	7-12-11		7/12/11 1720

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Wednesday, July 13, 2011 9:59 AM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

Ok, we'll go with the "extract and hold" approach then.

The first set of samples was picked up yesterday afternoon by a courier, so that is not currently indicated on the chain-of-custody. Can you please notify the lab of the change?

I have let the field staff know to indicate it on any future chains.

Thanks!

-Jeff

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Wednesday, July 13, 2011 9:43 AM
To: Saunders, Jeffry (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

I would say it would probably buy you more time if the sample is extracted and held for TCLP metals.

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Wednesday, July 13, 2011 9:38 AM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

The TCLP analyses would ultimately be based on the total metals results we get, so I'm not sure what metals at this point. Likely lead and possibly other.

We would just want to turn around those TCLP results relatively quickly following review of the total results. 48 hours is pretty good, so if the "extract and hold" approach isn't going to buy us much time it may not be worth it. Would this approach increase that turn at all? Just exploring our options for balancing timing and costs.

-Jeff

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Wednesday, July 13, 2011 9:05 AM
To: Saunders, Jeffry (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

Hi Jeff,

We can do an "extract and hold" for the TCLP analysis, we also can usually turn TCLP (metals) data in 48 hours. I'm not sure how fast you are looking to get the data but each is a possibility. What TCLP analysis will you be doing? If you would like the sampled extracted and held, please make sure it is noted on the COC. Let me know if you have any additional questions.

-Meghan

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Tuesday, July 12, 2011 3:28 PM
To: Meghan Kelley
Subject: RE: Disposal Characterization Sampling

Meghan,

Understanding that we would be paying a bit upfront, would it be possible/make sense to run the TCLP extraction for the samples Charlie is collecting this week so that, should we need to authorize any/all of the TCLP analyses, the data could be turned around more rapidly? Just a thought that came up today during some project discussions.

Thanks.

-Jeff

From: Theresa Ferrentino [mailto:tferrentino@contestlabs.com]
Sent: Monday, July 11, 2011 2:59 PM
To: Saunders, Jeffry (Lowell,MA-US); 'Meghan Kelley'
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Disposal Characterization Sampling

Hi Jeff,

Attached is pricing for your disposal characterization project. Please let me know if you should have any questions.

And thank you so much for this opportunity!

Theresa

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Monday, July 11, 2011 2:47 PM
To: Meghan Kelley
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); 'Theresa Ferrentino'
Subject: RE: Disposal Characterization Sampling

Awesome, thanks!

From: Meghan Kelley [mailto:mkelley@contestlabs.com]
Sent: Monday, July 11, 2011 2:43 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); 'Theresa Ferrentino'
Subject: RE: Disposal Characterization Sampling

All set Jeff, I have the bottle order scheduled for delivery in NB around 8:30-9:00 tomorrow.

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Monday, July 11, 2011 1:53 PM
To: Meghan Kelley
Cc: Foster, Charlie (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US); Theresa Ferrentino
Subject: Disposal Characterization Sampling
Importance: High

Meghan,

We are planning to conduct some soil stockpile characterization sampling in New Bedford beginning this week. As such, I was hoping you could have the following sets of bottles delivered to the site tomorrow:

- One (1) set for the COMM-97 parameters:
  - Arsenic, Cadmium, Chromium, Lead & Mercury
  - TCLP Metals (Hold)
  - VOCs
  - SVOCs
  - PCBs
  - TPH (DRO)
  - Conductivity

- Nine (9) sets for following parameters:
  - RCRA-8 Metals
  - TCLP Metals (Hold)
  - VOCs
  - SVOCs
  - Pesticides & Herbicides
  - PCBs
  - Ignitability
  - Corrosivity
  - Reactive Sulfide
  - Reactive Cyanide

Please supply the set for the COMM-97 parameters in a separate cooler from the other nine sets. All of the samples will be on a standard 5-day turnaround time, including the subcontracted pesticides/herbicides if that can facilitated. Could you please have a quote emailed to me for PO purposes?

Charles Foster will be onsite to receive the bottles at the City of New Bedford – Shawmut Avenue Transfer Station. The address is as follows:

1103 Shawmut Avenue
New Bedford, MA 02746

His cell phone number is 978-158-3792 and he should be onsite by approximately 7:30 am tomorrow morning. It would be great if the bottles could be dropped off tomorrow morning, but please let me if this is not feasible with your current courier schedule (I know it is somewhat short notice). Charles will also coordinate sample pick up(s) by the courier as needed.

Please let me know if you have any questions or concerns.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
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MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0270
Project Location: NBHS Ram Disposal	RTN:

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

11G0270-01

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 Director

Printed Name: Michael A. Erickson Date: 07/21/11

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

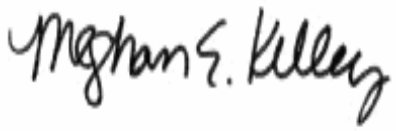
August 17, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0403

Enclosed are results of analyses for samples received by the laboratory on August 10, 2011. 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: 8/17/2011

PURCHASE ORDER NUMBER: 35934

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0403

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-C-2	11H0403-01	Soil		SM 2540G	
				SW-846 1010	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-C-3	11H0403-02	Soil		SM 2540G	
				SW-846 1010	
				SW-846 1030	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 8081B

Qualifications:

Reporting limit elevated due to dilution required because of chromatographic interference, see attached chromatogram.

Analyte & Samples(s) Qualified:

11H0403-02[STKP-C-3]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B035326-MS1, B035326-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

11H0403-02[STKP-C-3]

SW-846 8260C

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:

Isopropylbenzene (Cumene)

B035278-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:

1,4-Dioxane

B035278-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, 2-Butanone (MEK), Methylene Chloride

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035278-BLK1, B035278-BS1, B035278-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, Dichlorodifluoromethane (Freon 12), Naphthalene

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035278-BLK1, B035278-BS1, B035278-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

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035278-BLK1, B035278-BS1, B035278-BSD1

SW-846 8270D

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:

Aniline

B035372-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

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035372-BLK1, B035372-BS1, B035372-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene

B035372-BS1, B035372-BSD1, 11H0403-02RE1[STKP-C-3], 11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 3,3-Dichlorobenzidine

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035372-BLK1, B035372-BS1, B035372-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:

2,4-Dinitrophenol, Dibenz(a,h)anthracene

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3]

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11H0403-01[STKP-C-2], 11H0403-02[STKP-C-3], B035328-DUP1

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SW-846 8260C

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 8270D

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, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1	R-05, V-16	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
n-Butylbenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Carbon Disulfide	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,4-Dioxane	ND	0.12	mg/Kg dry	1	R-05, V-16	SW-846 8260C	8/11/11	8/11/11 10:53	LBD

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Hexachlorobutadiene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Methylene Chloride	0.012	0.012	mg/Kg dry	1	R-05	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Naphthalene	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2,3-Trichlorobenzene	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2,4-Trichlorobenzene	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 10:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		8/11/11 10:53
Toluene-d8	101	70-130		8/11/11 10:53
4-Bromofluorobenzene	104	70-130		8/11/11 10:53

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Acenaphthylene	ND	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Acetophenone	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Aniline	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Anthracene	0.30	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Benzo(a)anthracene	0.86	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Benzo(a)pyrene	0.90	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Benzo(b)fluoranthene	1.2	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Benzo(g,h,i)perylene	0.41	0.25	mg/Kg dry	1	V-06	SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Benzo(k)fluoranthene	0.44	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Bis(2-chloroethoxy)methane	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Bis(2-chloroethyl)ether	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Bis(2-chloroisopropyl)ether	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
4-Bromophenylphenylether	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Butylbenzylphthalate	ND	0.98	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
4-Chloroaniline	ND	0.98	mg/Kg dry	1	L-15	SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2-Chloronaphthalene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2-Chlorophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Chrysene	1.0	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Dibenz(a,h)anthracene	ND	0.25	mg/Kg dry	1	V-20	SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Dibenzofuran	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Di-n-butylphthalate	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
1,2-Dichlorobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
1,3-Dichlorobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
1,4-Dichlorobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
3,3-Dichlorobenzidine	ND	0.25	mg/Kg dry	1	V-19	SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4-Dichlorophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Diethylphthalate	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4-Dimethylphenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Dimethylphthalate	ND	0.98	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4-Dinitrophenol	ND	0.98	mg/Kg dry	1	V-19, V-20	SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4-Dinitrotoluene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,6-Dinitrotoluene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Di-n-octylphthalate	ND	0.98	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Fluoranthene	1.9	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Fluorene	ND	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Hexachlorobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Hexachlorobutadiene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Hexachloroethane	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Indeno(1,2,3-cd)pyrene	0.42	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Isophorone	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

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	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2-Methylphenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
3/4-Methylphenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Naphthalene	ND	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Nitrobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2-Nitrophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
4-Nitrophenol	ND	0.98	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Pentachlorophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Phenanthrene	1.6	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Phenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
Pyrene	1.6	0.25	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
1,2,4-Trichlorobenzene	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4,5-Trichlorophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL
2,4,6-Trichlorophenol	ND	0.51	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 14:47	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	39.9	30-130		8/13/11 14:47
Phenol-d6	38.3	30-130		8/13/11 14:47
Nitrobenzene-d5	35.8	30-130		8/13/11 14:47
2-Fluorobiphenyl	40.4	30-130		8/13/11 14:47
2,4,6-Tribromophenol	45.2	30-130		8/13/11 14:47
Terphenyl-d14	31.2	30-130		8/13/11 14:47

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
alpha-BHC [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
beta-BHC [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
delta-BHC [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
gamma-BHC (Lindane) [1]	ND	0.0030	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Chlordane [1]	ND	0.030	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
4,4'-DDD [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
4,4'-DDE [1]	0.049	0.0060	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
4,4'-DDT [2]	0.087	0.0060	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Dieldrin [1]	ND	0.0060	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Endosulfan I [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Endosulfan II [1]	ND	0.012	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Endosulfan sulfate [1]	ND	0.012	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Endrin [1]	ND	0.012	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Endrin ketone [1]	ND	0.012	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Heptachlor [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Heptachlor epoxide [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Hexachlorobenzene [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB
Methoxychlor [1]	ND	0.075	mg/Kg dry	1		SW-846 8081B	8/11/11	8/17/11 8:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.0	30-150		8/17/11 8:00
Decachlorobiphenyl [2]	91.8	30-150		8/17/11 8:00
Tetrachloro-m-xylene [1]	64.8	30-150		8/17/11 8:00
Tetrachloro-m-xylene [2]	67.1	30-150		8/17/11 8:00

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

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	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1254 [2]	0.93	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	1		SW-846 8082A	8/11/11	8/12/11 20:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.4	30-150		8/12/11 20:37
Decachlorobiphenyl [2]	87.8	30-150		8/12/11 20:37
Tetrachloro-m-xylene [1]	82.7	30-150		8/12/11 20:37
Tetrachloro-m-xylene [2]	78.9	30-150		8/12/11 20:37

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	10	3.8	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Barium	600	3.8	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Cadmium	1.4	0.38	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Chromium	21	0.77	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Lead	1600	1.1	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Mercury	2.9	0.36	mg/Kg dry	10		SW-846 7471B	8/11/11	8/12/11 13:28	CWB
Selenium	ND	7.7	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP
Silver	ND	0.77	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:43	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0403-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/11/11	8/11/11 18:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/11/11	8/11/11 18:10	DEF
pH @19.8°C	5.6		pH Units	1	H-03	SW-846 9045C	8/11/11	8/11/11 10:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	8/11/11	8/16/11 14:20	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/11/11	8/11/11 19:23	DEF
% Solids	66.8		% Wt	1		SM 2540G	8/11/11	8/12/11 9:38	MXG

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
2-Butanone (MEK)	ND	0.044	mg/Kg dry	1	R-05, V-16	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
n-Butylbenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Carbon Disulfide	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,4-Dioxane	ND	0.11	mg/Kg dry	1	R-05, V-16	SW-846 8260C	8/11/11	8/11/11 12:29	LBD

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Hexachlorobutadiene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Methylene Chloride	ND	0.011	mg/Kg dry	1	R-05	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Naphthalene	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2,3-Trichlorobenzene	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2,4-Trichlorobenzene	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
m+p Xylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/11/11	8/11/11 12:29	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		8/11/11 12:29
Toluene-d8	102	70-130		8/11/11 12:29
4-Bromofluorobenzene	93.6	70-130		8/11/11 12:29

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	3.7	0.23	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Acenaphthylene	0.61	0.23	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Acetophenone	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Aniline	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Anthracene	14	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Benzo(a)anthracene	31	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Benzo(a)pyrene	30	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Benzo(b)fluoranthene	38	2.3	mg/Kg dry	10	V-06	SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Benzo(g,h,i)perylene	26	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Benzo(k)fluoranthene	13	2.3	mg/Kg dry	10	V-06	SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Bis(2-chloroethoxy)methane	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Bis(2-chloroethyl)ether	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Bis(2-chloroisopropyl)ether	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
4-Bromophenylphenylether	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Butylbenzylphthalate	ND	0.89	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
4-Chloroaniline	ND	0.89	mg/Kg dry	1	L-15	SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2-Chloronaphthalene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2-Chlorophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Chrysene	34	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Dibenz(a,h)anthracene	2.0	0.23	mg/Kg dry	1	V-06	SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Dibenzofuran	2.3	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Di-n-butylphthalate	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
1,2-Dichlorobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
1,3-Dichlorobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
1,4-Dichlorobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
3,3-Dichlorobenzidine	ND	0.23	mg/Kg dry	1	V-19	SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4-Dichlorophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Diethylphthalate	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4-Dimethylphenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Dimethylphthalate	ND	0.89	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4-Dinitrophenol	ND	0.89	mg/Kg dry	1	V-19, V-20	SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4-Dinitrotoluene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,6-Dinitrotoluene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Di-n-octylphthalate	ND	0.89	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Fluoranthene	30	11	mg/Kg dry	50		SW-846 8270D	8/12/11	8/13/11 21:57	BGL
Fluorene	3.9	0.23	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Hexachlorobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Hexachlorobutadiene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Hexachloroethane	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Indeno(1,2,3-cd)pyrene	28	2.3	mg/Kg dry	10		SW-846 8270D	8/12/11	8/13/11 21:24	BGL
Isophorone	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	1.1	0.23	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2-Methylphenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
3/4-Methylphenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Naphthalene	1.8	0.23	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Nitrobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2-Nitrophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
4-Nitrophenol	ND	0.89	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Pentachlorophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Phenanthrene	35	11	mg/Kg dry	50		SW-846 8270D	8/12/11	8/13/11 21:57	BGL
Phenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
Pyrene	39	11	mg/Kg dry	50		SW-846 8270D	8/12/11	8/13/11 21:57	BGL
1,2,4-Trichlorobenzene	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4,5-Trichlorophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL
2,4,6-Trichlorophenol	ND	0.46	mg/Kg dry	1		SW-846 8270D	8/12/11	8/13/11 15:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	44.1	30-130		8/13/11 15:14
Phenol-d6	41.4	30-130		8/13/11 15:14
Nitrobenzene-d5	37.4	30-130		8/13/11 15:14
2-Fluorobiphenyl	44.5	30-130		8/13/11 15:14
2,4,6-Tribromophenol	53.5	30-130		8/13/11 15:14
Terphenyl-d14	48.7	30-130		8/13/11 15:14

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Sample Flags: Z-01

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
alpha-BHC [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
beta-BHC [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
delta-BHC [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
gamma-BHC (Lindane) [1]	ND	0.013	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Chlordane [1]	ND	0.13	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
4,4'-DDD [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
4,4'-DDE [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
4,4'-DDT [1]	0.35	0.027	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Dieldrin [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Endosulfan I [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Endosulfan II [1]	ND	0.054	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Endosulfan sulfate [1]	ND	0.054	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Endrin [1]	ND	0.054	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Endrin ketone [1]	ND	0.054	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Heptachlor [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Heptachlor epoxide [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Hexachlorobenzene [1]	ND	0.034	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB
Methoxychlor [1]	ND	0.34	mg/Kg dry	5		SW-846 8081B	8/11/11	8/17/11 8:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	133	30-150		8/17/11 8:58
Decachlorobiphenyl [2]	87.1	30-150		8/17/11 8:58
Tetrachloro-m-xylene [1]	53.9	30-150		8/17/11 8:58
Tetrachloro-m-xylene [2]	51.9	30-150		8/17/11 8:58

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

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	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1221 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1232 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1242 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1248 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1254 [2]	5.8	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1260 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1262 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB
Aroclor-1268 [1]	ND	0.54	mg/Kg dry	4		SW-846 8082A	8/11/11	8/13/11 6:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	8/13/11 6:42
Decachlorobiphenyl [2]	*	30-150	S-01	8/13/11 6:42
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/13/11 6:42
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/13/11 6:42

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.8	3.3	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Barium	460	3.3	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Cadmium	2.6	0.33	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Chromium	46	0.67	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Lead	880	1.0	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Mercury	1.3	0.16	mg/Kg dry	5		SW-846 7471B	8/11/11	8/12/11 13:30	CWB
Selenium	ND	6.7	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP
Silver	ND	0.67	mg/Kg dry	1		SW-846 6010C	8/12/11	8/15/11 13:48	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0403

Date Received: 8/10/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0403-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	8/11/11	8/11/11 18:20	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	8/11/11	8/11/11 18:10	DEF
pH @20.8°C	5.9		pH Units	1	H-03	SW-846 9045C	8/11/11	8/11/11 10:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	8/11/11	8/16/11 14:20	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	8/11/11	8/11/11 19:23	DEF
% Solids	74.1		% Wt	1		SM 2540G	8/11/11	8/12/11 9:38	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11H0403-01 [STKP-C-2]	B035331	08/11/11
11H0403-02 [STKP-C-3]	B035331	08/11/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035349	50.0	50.0	08/11/11
11H0403-02 [STKP-C-3]	B035349	50.0	50.0	08/11/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035348	50.0	50.0	08/11/11
11H0403-02 [STKP-C-3]	B035348	50.0	50.0	08/11/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035407	0.977	50.0	08/12/11
11H0403-02 [STKP-C-3]	B035407	1.01	50.0	08/12/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035286	0.628	50.0	08/11/11
11H0403-02 [STKP-C-3]	B035286	0.615	50.0	08/11/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035321	10.0	10.0	08/11/11
11H0403-02 [STKP-C-3]	B035321	10.0	10.0	08/11/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035326	10.0	50.0	08/11/11
11H0403-02 [STKP-C-3]	B035326	10.0	50.0	08/11/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035278	6.48	10.0	08/11/11
11H0403-02 [STKP-C-3]	B035278	6.11	10.0	08/11/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035372	30.1	1.00	08/12/11
11H0403-02 [STKP-C-3]	B035372	30.0	1.00	08/12/11
11H0403-02RE1 [STKP-C-3]	B035372	30.0	1.00	08/12/11
11H0403-02RE2 [STKP-C-3]	B035372	30.0	1.00	08/12/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035350	25.3	250	08/11/11
11H0403-02 [STKP-C-3]	B035350	25.4	250	08/11/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0403-01 [STKP-C-2]	B035351	25.3	250	08/11/11
11H0403-02 [STKP-C-3]	B035351	25.4	250	08/11/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0403-01 [STKP-C-2]	B035328	20.0	08/11/11
11H0403-02 [STKP-C-3]	B035328	20.0	08/11/11

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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 B035278 - SW-846 5035										
Blank (B035278-BLK1)				Prepared & Analyzed: 08/11/11						
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							R-05, 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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							R-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							R-05
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							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 B035278 - SW-846 5035											
Blank (B035278-BLK1)				Prepared & Analyzed: 08/11/11							
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	*0.0550*		mg/Kg wet	0.0500		110	70-130				
Surrogate: Toluene-d8	*0.0520*		mg/Kg wet	0.0500		104	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0533*		mg/Kg wet	0.0500		107	70-130				
LCS (B035278-BS1)				Prepared & Analyzed: 08/11/11							
Acetone	0.246	0.10	mg/Kg wet	0.200		123	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130				
Benzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130				
Bromobenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130				
Bromochloromethane	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
Bromodichloromethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
Bromoform	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromomethane	0.0175	0.010	mg/Kg wet	0.0200		87.5	40-160				†
2-Butanone (MEK)	0.210	0.040	mg/Kg wet	0.200		105	40-160			R-05, V-16	†
n-Butylbenzene	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130				
sec-Butylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0178	0.0010	mg/Kg wet	0.0200		89.2	70-130				
Carbon Disulfide	0.0195	0.0060	mg/Kg wet	0.0200		97.4	70-130				
Carbon Tetrachloride	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130				
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
Chlorodibromomethane	0.0219	0.0010	mg/Kg wet	0.0200		110	70-130				
Chloroethane	0.0183	0.010	mg/Kg wet	0.0200		91.6	70-130				
Chloroform	0.0221	0.0040	mg/Kg wet	0.0200		110	70-130				
Chloromethane	0.0155	0.010	mg/Kg wet	0.0200		77.4	40-160				†
2-Chlorotoluene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
4-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0207	0.0040	mg/Kg wet	0.0200		103	70-130				
1,2-Dibromoethane (EDB)	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130				
Dibromomethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
1,3-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,4-Dichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				

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 B035278 - SW-846 5035												
LCS (B035278-BS1)				Prepared & Analyzed: 08/11/11								
Dichlorodifluoromethane (Freon 12)	0.0211	0.010	mg/Kg wet	0.0200		106		40-160			V-05	†
1,1-Dichloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,2-Dichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1-Dichloroethylene	0.0223	0.0040	mg/Kg wet	0.0200		112		70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
trans-1,2-Dichloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,3-Dichloropropane	0.0203	0.0010	mg/Kg wet	0.0200		102		70-130				
2,2-Dichloropropane	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130				
1,1-Dichloropropene	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130				
cis-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.0200		103		70-130				
trans-1,3-Dichloropropene	0.0247	0.0010	mg/Kg wet	0.0200		124		70-130				
Diethyl Ether	0.0213	0.010	mg/Kg wet	0.0200		106		70-130				
Diisopropyl Ether (DIPE)	0.0191	0.0010	mg/Kg wet	0.0200		95.3		70-130				
1,4-Dioxane	0.177	0.10	mg/Kg wet	0.200		88.5		40-160			R-05, V-16	†
Ethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Hexachlorobutadiene	0.0228	0.0040	mg/Kg wet	0.0200		114		70-130				
2-Hexanone (MBK)	0.211	0.020	mg/Kg wet	0.200		105		40-160				†
Isopropylbenzene (Cumene)	0.0265	0.0020	mg/Kg wet	0.0200		**132**	*	70-130			L-07	
p-Isopropyltoluene (p-Cymene)	0.0253	0.0020	mg/Kg wet	0.0200		126		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		107		70-130				
Methylene Chloride	0.0255	0.010	mg/Kg wet	0.0200		127		70-130			R-05	
4-Methyl-2-pentanone (MIBK)	0.188	0.020	mg/Kg wet	0.200		94.1		40-160				†
Naphthalene	0.0156	0.010	mg/Kg wet	0.0200		77.9		70-130			V-05	
n-Propylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130				
Styrene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1,1,2-Tetrachloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1,2,2-Tetrachloroethane	0.0217	0.0010	mg/Kg wet	0.0200		108		70-130				
Tetrachloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130				
Tetrahydrofuran	0.0173	0.010	mg/Kg wet	0.0200		86.3		70-130			V-16	
Toluene	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2,3-Trichlorobenzene	0.0166	0.010	mg/Kg wet	0.0200		82.9		70-130			V-05	
1,2,4-Trichlorobenzene	0.0162	0.010	mg/Kg wet	0.0200		81.2		70-130			V-05	
1,1,1-Trichloroethane	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130				
1,1,2-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
Trichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
Trichlorofluoromethane (Freon 11)	0.0209	0.010	mg/Kg wet	0.0200		105		70-130				
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.3		70-130				
1,2,4-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trimethylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
Vinyl Chloride	0.0176	0.010	mg/Kg wet	0.0200		88.1		70-130				
m+p Xylene	0.0447	0.0040	mg/Kg wet	0.0400		112		70-130				
o-Xylene	0.0239	0.0020	mg/Kg wet	0.0200		119		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0536*		mg/Kg wet	0.0500		107		70-130				
Surrogate: Toluene-d8	*0.0502*		mg/Kg wet	0.0500		100		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0542*		mg/Kg wet	0.0500		108		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 B035278 - SW-846 5035												
LCS Dup (B035278-BSD1)				Prepared & Analyzed: 08/11/11								
Acetone	0.234	0.10	mg/Kg wet	0.200		117	40-160	5.07		20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0182	0.0010	mg/Kg wet	0.0200		90.8	70-130	8.74		20		
Benzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	0.707		20		
Bromobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	1.19		20		
Bromochloromethane	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	9.98		20		
Bromodichloromethane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.20		20		
Bromoform	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130	16.6		20		
Bromomethane	0.0166	0.010	mg/Kg wet	0.0200		83.0	40-160	5.28		20		†
2-Butanone (MEK)	0.168	0.040	mg/Kg wet	0.200		83.9	40-160	**22.5**	*	20	R-05, V-16	†
n-Butylbenzene	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130	2.74		20		
sec-Butylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	1.41		20		
tert-Butylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	3.01		20		
tert-Butyl Ethyl Ether (TBEE)	0.0157	0.0010	mg/Kg wet	0.0200		78.6	70-130	12.6		20		
Carbon Disulfide	0.0184	0.0060	mg/Kg wet	0.0200		92.2	70-130	5.49		20		
Carbon Tetrachloride	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	10.3		20		
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.275		20		
Chlorodibromomethane	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130	4.28		20		
Chloroethane	0.0182	0.010	mg/Kg wet	0.0200		91.1	70-130	0.547		20		
Chloroform	0.0210	0.0040	mg/Kg wet	0.0200		105	70-130	5.02		20		
Chloromethane	0.0141	0.010	mg/Kg wet	0.0200		70.6	40-160	9.19		20		†
2-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	7.17		20		
4-Chlorotoluene	0.0235	0.0020	mg/Kg wet	0.0200		117	70-130	1.37		20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0181	0.0040	mg/Kg wet	0.0200		90.5	70-130	13.2		20		
1,2-Dibromoethane (EDB)	0.0199	0.0010	mg/Kg wet	0.0200		99.5	70-130	5.28		20		
Dibromomethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.05		20		
1,2-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	0.556		20		
1,3-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	2.26		20		
1,4-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.16		20		
Dichlorodifluoromethane (Freon 12)	0.0201	0.010	mg/Kg wet	0.0200		101	40-160	4.94		20	V-05	†
1,1-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130	8.56		20		
1,2-Dichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.40		20		
1,1-Dichloroethylene	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	7.24		20		
cis-1,2-Dichloroethylene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130	7.28		20		
trans-1,2-Dichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	6.79		20		
1,2-Dichloropropane	0.0199	0.0020	mg/Kg wet	0.0200		99.7	70-130	1.39		20		
1,3-Dichloropropane	0.0197	0.0010	mg/Kg wet	0.0200		98.6	70-130	3.10		20		
2,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	10.8		20		
1,1-Dichloropropene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.36		20		
cis-1,3-Dichloropropene	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130	0.291		20		
trans-1,3-Dichloropropene	0.0228	0.0010	mg/Kg wet	0.0200		114	70-130	8.34		20		
Diethyl Ether	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	5.31		20		
Diisopropyl Ether (DIPE)	0.0180	0.0010	mg/Kg wet	0.0200		90.1	70-130	5.61		20		
1,4-Dioxane	0.122	0.10	mg/Kg wet	0.200		61.0	40-160	**36.8**	*	20	L-14, R-05, V-16	†
Ethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	2.90		20		
Hexachlorobutadiene	0.0229	0.0040	mg/Kg wet	0.0200		114	70-130	0.351		20		
2-Hexanone (MBK)	0.180	0.020	mg/Kg wet	0.200		90.1	40-160	15.7		20		†
Isopropylbenzene (Cumene)	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	8.50		20		
p-Isopropyltoluene (p-Cymene)	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	5.28		20		
Methyl tert-Butyl Ether (MTBE)	0.0185	0.0040	mg/Kg wet	0.0200		92.5	70-130	14.3		20		
Methylene Chloride	0.0201	0.010	mg/Kg wet	0.0200		100	70-130	**23.6**	*	20	R-05	
4-Methyl-2-pentanone (MIBK)	0.169	0.020	mg/Kg wet	0.200		84.7	40-160	10.5		20		†
Naphthalene	0.0152	0.010	mg/Kg wet	0.0200		76.1	70-130	2.34		20	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 B035278 - SW-846 5035										
LCS Dup (B035278-BSD1)				Prepared & Analyzed: 08/11/11						
n-Propylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	0.00	20	
Styrene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	9.35	20	
1,1,1,2-Tetrachloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	2.58	20	
1,1,2,2-Tetrachloroethane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	7.66	20	
Tetrachloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	1.66	20	
Tetrahydrofuran	0.0171	0.010	mg/Kg wet	0.0200		85.4	70-130	1.05	20	V-16
Toluene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	0.762	20	
1,2,3-Trichlorobenzene	0.0154	0.010	mg/Kg wet	0.0200		76.9	70-130	7.51	20	V-05
1,2,4-Trichlorobenzene	0.0164	0.010	mg/Kg wet	0.0200		82.0	70-130	0.980	20	V-05
1,1,1-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	10.4	20	
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	5.48	20	
Trichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	6.58	20	
Trichlorofluoromethane (Freon 11)	0.0201	0.010	mg/Kg wet	0.0200		100	70-130	4.19	20	
1,2,3-Trichloropropane	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130	7.97	20	
1,2,4-Trimethylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	2.34	20	
1,3,5-Trimethylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130	0.847	20	
Vinyl Chloride	0.0159	0.010	mg/Kg wet	0.0200		79.6	70-130	10.1	20	
m+p Xylene	0.0429	0.0040	mg/Kg wet	0.0400		107	70-130	4.11	20	
o-Xylene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	8.92	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0518*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0531*		mg/Kg wet	0.0500		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 B035372 - SW-846 3546										
Blank (B035372-BLK1)				Prepared: 08/12/11 Analyzed: 08/13/11						
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							L-15
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							V-19
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-19
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 B035372 - SW-846 3546												
Blank (B035372-BLK1)				Prepared: 08/12/11 Analyzed: 08/13/11								
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	*5.73*		mg/Kg wet	6.67		86.0		30-130				
Surrogate: Phenol-d6	*5.48*		mg/Kg wet	6.67		82.2		30-130				
Surrogate: Nitrobenzene-d5	*2.37*		mg/Kg wet	3.33		71.2		30-130				
Surrogate: 2-Fluorobiphenyl	*2.58*		mg/Kg wet	3.33		77.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*6.81*		mg/Kg wet	6.67		102		30-130				
Surrogate: Terphenyl-d14	*3.16*		mg/Kg wet	3.33		94.7		30-130				
LCS (B035372-BS1)				Prepared: 08/12/11 Analyzed: 08/13/11								
Acenaphthene	1.19	0.17	mg/Kg wet	1.67		71.2		40-140				
Acenaphthylene	1.17	0.17	mg/Kg wet	1.67		70.1		40-140				
Acetophenone	1.15	0.34	mg/Kg wet	1.67		69.0		40-140				
Aniline	0.632	0.34	mg/Kg wet	1.67		**37.9**	*	40-140			L-07	
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.3		40-140				
Benzo(a)anthracene	1.16	0.17	mg/Kg wet	1.67		69.5		40-140				
Benzo(a)pyrene	1.33	0.17	mg/Kg wet	1.67		80.0		40-140				
Benzo(b)fluoranthene	1.30	0.17	mg/Kg wet	1.67		78.0		40-140				
Benzo(g,h,i)perylene	1.74	0.17	mg/Kg wet	1.67		105		40-140				
Benzo(k)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.4		40-140				
Bis(2-chloroethoxy)methane	1.20	0.34	mg/Kg wet	1.67		72.1		40-140				
Bis(2-chloroethyl)ether	1.13	0.34	mg/Kg wet	1.67		68.0		40-140				
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.7		40-140				
Bis(2-Ethylhexyl)phthalate	1.55	0.34	mg/Kg wet	1.67		93.1		40-140				
4-Bromophenylphenylether	1.20	0.34	mg/Kg wet	1.67		72.2		40-140				
Butylbenzylphthalate	1.52	0.66	mg/Kg wet	1.67		91.4		40-140				
4-Chloroaniline	0.663	0.66	mg/Kg wet	1.67		39.8		15-140			L-15	†
2-Chloronaphthalene	1.02	0.34	mg/Kg wet	1.67		61.0		40-140				
2-Chlorophenol	1.22	0.34	mg/Kg wet	1.67		73.3		30-130				
Chrysene	1.18	0.17	mg/Kg wet	1.67		70.6		40-140				
Dibenz(a,h)anthracene	1.83	0.17	mg/Kg wet	1.67		110		40-140				
Dibenzofuran	1.21	0.34	mg/Kg wet	1.67		72.8		40-140				
Di-n-butylphthalate	1.34	0.34	mg/Kg wet	1.67		80.7		40-140				
1,2-Dichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.0		40-140				
1,3-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.6		40-140				
1,4-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.6		40-140				
3,3-Dichlorobenzidine	1.06	0.17	mg/Kg wet	1.67		63.8		40-140			V-19	
2,4-Dichlorophenol	1.39	0.34	mg/Kg wet	1.67		83.7		30-130				
Diethylphthalate	1.35	0.34	mg/Kg wet	1.67		81.2		40-140				
2,4-Dimethylphenol	1.21	0.34	mg/Kg wet	1.67		72.8		30-130				
Dimethylphthalate	1.32	0.66	mg/Kg wet	1.67		79.0		40-140				
2,4-Dinitrophenol	1.71	0.66	mg/Kg wet	1.67		103		15-140			V-06, V-19	†
2,4-Dinitrotoluene	1.47	0.34	mg/Kg wet	1.67		88.0		40-140				
2,6-Dinitrotoluene	1.41	0.34	mg/Kg wet	1.67		84.8		40-140				
Di-n-octylphthalate	1.56	0.66	mg/Kg wet	1.67		93.7		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.04	0.34	mg/Kg wet	1.67		62.6		40-140				
Fluoranthene	1.19	0.17	mg/Kg wet	1.67		71.3		40-140				
Fluorene	1.30	0.17	mg/Kg wet	1.67		78.0		40-140				
Hexachlorobenzene	1.24	0.34	mg/Kg wet	1.67		74.4		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 B035372 - SW-846 3546											
LCS (B035372-BS1)				Prepared: 08/12/11 Analyzed: 08/13/11							
Hexachlorobutadiene	1.26	0.34	mg/Kg wet	1.67		75.3	40-140				
Hexachloroethane	1.19	0.34	mg/Kg wet	1.67		71.7	40-140				
Indeno(1,2,3-cd)pyrene	1.73	0.17	mg/Kg wet	1.67		104	40-140				
Isophorone	1.15	0.34	mg/Kg wet	1.67		69.1	40-140				
2-Methylnaphthalene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140				
2-Methylphenol	0.658	0.34	mg/Kg wet	1.67		39.5	30-130				
3/4-Methylphenol	1.05	0.34	mg/Kg wet	1.67		63.0	30-130				
Naphthalene	1.15	0.17	mg/Kg wet	1.67		69.2	40-140				
Nitrobenzene	1.15	0.34	mg/Kg wet	1.67		69.0	40-140				
2-Nitrophenol	1.41	0.34	mg/Kg wet	1.67		84.8	30-130				
4-Nitrophenol	1.65	0.66	mg/Kg wet	1.67		98.9	15-140				†
Pentachlorophenol	1.49	0.34	mg/Kg wet	1.67		89.6	30-130				
Phenanthrene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140				
Phenol	1.20	0.34	mg/Kg wet	1.67		71.8	15-140				†
Pyrene	1.49	0.17	mg/Kg wet	1.67		89.4	40-140				
1,2,4-Trichlorobenzene	1.26	0.34	mg/Kg wet	1.67		75.8	40-140				
2,4,5-Trichlorophenol	0.765	0.34	mg/Kg wet	1.67		45.9	30-130				
2,4,6-Trichlorophenol	1.36	0.34	mg/Kg wet	1.67		81.8	30-130				
Surrogate: 2-Fluorophenol	*5.11*		mg/Kg wet	6.67		76.6	30-130				
Surrogate: Phenol-d6	*4.87*		mg/Kg wet	6.67		73.0	30-130				
Surrogate: Nitrobenzene-d5	*2.46*		mg/Kg wet	3.33		73.7	30-130				
Surrogate: 2-Fluorobiphenyl	*2.47*		mg/Kg wet	3.33		74.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*8.61*		mg/Kg wet	6.67		129	30-130				
Surrogate: Terphenyl-d14	*3.43*		mg/Kg wet	3.33		103	30-130				
LCS Dup (B035372-BSD1)				Prepared: 08/12/11 Analyzed: 08/13/11							
Acenaphthene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	12.7	30		
Acenaphthylene	1.32	0.17	mg/Kg wet	1.67		79.0	40-140	12.0	30		
Acetophenone	1.35	0.34	mg/Kg wet	1.67		81.0	40-140	15.9	30		
Aniline	0.716	0.34	mg/Kg wet	1.67		43.0	40-140	12.5	30		
Anthracene	1.41	0.17	mg/Kg wet	1.67		84.3	40-140	14.0	30		
Benzo(a)anthracene	1.32	0.17	mg/Kg wet	1.67		79.5	40-140	13.4	30		
Benzo(a)pyrene	1.53	0.17	mg/Kg wet	1.67		91.6	40-140	13.6	30		
Benzo(b)fluoranthene	1.44	0.17	mg/Kg wet	1.67		86.5	40-140	10.3	30		
Benzo(g,h,i)perylene	1.85	0.17	mg/Kg wet	1.67		111	40-140	5.86	30		
Benzo(k)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.3	40-140	12.4	30		
Bis(2-chloroethoxy)methane	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	11.8	30		
Bis(2-chloroethyl)ether	1.30	0.34	mg/Kg wet	1.67		77.9	40-140	13.7	30		
Bis(2-chloroisopropyl)ether	1.20	0.34	mg/Kg wet	1.67		71.8	40-140	15.1	30		
Bis(2-Ethylhexyl)phthalate	1.71	0.34	mg/Kg wet	1.67		103	40-140	9.75	30		
4-Bromophenylphenylether	1.49	0.34	mg/Kg wet	1.67		89.4	40-140	21.3	30		
Butylbenzylphthalate	1.63	0.66	mg/Kg wet	1.67		97.9	40-140	6.91	30		
4-Chloroaniline	0.622	0.66	mg/Kg wet	1.67		37.3	15-140	6.38	30	L-15	†
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	22.8	30		
2-Chlorophenol	1.42	0.34	mg/Kg wet	1.67		85.4	30-130	15.3	30		
Chrysene	1.35	0.17	mg/Kg wet	1.67		80.9	40-140	13.7	30		
Dibenz(a,h)anthracene	1.97	0.17	mg/Kg wet	1.67		118	40-140	7.59	30		
Dibenzofuran	1.32	0.34	mg/Kg wet	1.67		79.5	40-140	8.83	30		
Di-n-butylphthalate	1.52	0.34	mg/Kg wet	1.67		90.9	40-140	11.9	30		
1,2-Dichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.3	40-140	13.6	30		
1,3-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	13.6	30		
1,4-Dichlorobenzene	1.30	0.34	mg/Kg wet	1.67		77.9	40-140	14.2	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 B035372 - SW-846 3546											
LCS Dup (B035372-BSD1)				Prepared: 08/12/11 Analyzed: 08/13/11							
3,3-Dichlorobenzidine	1.27	0.17	mg/Kg wet	1.67		76.0	40-140	17.5	30	V-19	
2,4-Dichlorophenol	1.50	0.34	mg/Kg wet	1.67		90.0	30-130	7.35	30		
Diethylphthalate	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	0.370	30		
2,4-Dimethylphenol	1.32	0.34	mg/Kg wet	1.67		79.2	30-130	8.42	30		
Dimethylphthalate	1.40	0.66	mg/Kg wet	1.67		84.0	40-140	6.16	30		
2,4-Dinitrophenol	1.59	0.66	mg/Kg wet	1.67		95.5	15-140	7.13	30	V-06, V-19	†
2,4-Dinitrotoluene	1.39	0.34	mg/Kg wet	1.67		83.6	40-140	5.22	30		
2,6-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		86.0	40-140	1.48	30		
Di-n-octylphthalate	1.60	0.66	mg/Kg wet	1.67		96.0	40-140	2.45	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.32	0.34	mg/Kg wet	1.67		79.4	40-140	23.7	30		
Fluoranthene	1.35	0.17	mg/Kg wet	1.67		80.9	40-140	12.6	30		
Fluorene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	1.60	30		
Hexachlorobenzene	1.51	0.34	mg/Kg wet	1.67		90.5	40-140	19.5	30		
Hexachlorobutadiene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	10.2	30		
Hexachloroethane	1.34	0.34	mg/Kg wet	1.67		80.1	40-140	11.1	30		
Indeno(1,2,3-cd)pyrene	1.88	0.17	mg/Kg wet	1.67		113	40-140	8.19	30		
Isophorone	1.27	0.34	mg/Kg wet	1.67		76.2	40-140	9.72	30		
2-Methylnaphthalene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	7.29	30		
2-Methylphenol	0.706	0.34	mg/Kg wet	1.67		42.4	30-130	7.04	30		
3/4-Methylphenol	1.21	0.34	mg/Kg wet	1.67		72.4	30-130	13.8	30		
Naphthalene	1.30	0.17	mg/Kg wet	1.67		77.9	40-140	11.8	30		
Nitrobenzene	1.27	0.34	mg/Kg wet	1.67		76.3	40-140	10.1	30		
2-Nitrophenol	1.63	0.34	mg/Kg wet	1.67		97.5	30-130	13.9	30		
4-Nitrophenol	1.53	0.66	mg/Kg wet	1.67		91.5	15-140	7.73	30		†
Pentachlorophenol	1.64	0.34	mg/Kg wet	1.67		98.6	30-130	9.52	30		
Phenanthrene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140	14.4	30		
Phenol	1.51	0.34	mg/Kg wet	1.67		90.6	15-140	23.2	30		†
Pyrene	1.62	0.17	mg/Kg wet	1.67		97.1	40-140	8.21	30		
1,2,4-Trichlorobenzene	1.42	0.34	mg/Kg wet	1.67		85.4	40-140	11.9	30		
2,4,5-Trichlorophenol	0.827	0.34	mg/Kg wet	1.67		49.6	30-130	7.87	30		
2,4,6-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		94.8	30-130	14.7	30		
Surrogate: 2-Fluorophenol	*5.76*		mg/Kg wet	6.67		86.4	30-130				
Surrogate: Phenol-d6	*5.51*		mg/Kg wet	6.67		82.6	30-130				
Surrogate: Nitrobenzene-d5	*2.65*		mg/Kg wet	3.33		79.6	30-130				
Surrogate: 2-Fluorobiphenyl	*3.00*		mg/Kg wet	3.33		90.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.82*		mg/Kg wet	6.67		117	30-130				
Surrogate: Terphenyl-d14	*3.61*		mg/Kg wet	3.33		108	30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035321 - SW-846 3546										
Blank (B035321-BLK1)				Prepared: 08/11/11 Analyzed: 08/16/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		86.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		89.2	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035321 - SW-846 3546										
LCS (B035321-BS1)				Prepared: 08/11/11 Analyzed: 08/16/11						
Aldrin	0.020	0.0050	mg/Kg wet	0.0200		97.8	40-140			
Aldrin [2C]	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
alpha-BHC	0.020	0.0050	mg/Kg wet	0.0200		98.2	40-140			
alpha-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.1	40-140			
beta-BHC	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
beta-BHC [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.4	40-140			
delta-BHC	0.018	0.0050	mg/Kg wet	0.0200		89.4	40-140			
delta-BHC [2C]	0.018	0.0050	mg/Kg wet	0.0200		91.0	40-140			
gamma-BHC (Lindane)	0.019	0.0020	mg/Kg wet	0.0200		94.7	40-140			
gamma-BHC (Lindane) [2C]	0.020	0.0020	mg/Kg wet	0.0200		97.7	40-140			
4,4'-DDD	0.020	0.0040	mg/Kg wet	0.0200		98.8	40-140			
4,4'-DDD [2C]	0.020	0.0040	mg/Kg wet	0.0200		100	40-140			
4,4'-DDE	0.020	0.0040	mg/Kg wet	0.0200		100	40-140			
4,4'-DDE [2C]	0.020	0.0040	mg/Kg wet	0.0200		102	40-140			
4,4'-DDT	0.019	0.0040	mg/Kg wet	0.0200		97.3	40-140			
4,4'-DDT [2C]	0.020	0.0040	mg/Kg wet	0.0200		98.6	40-140			
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		107	40-140			
Dieldrin [2C]	0.021	0.0040	mg/Kg wet	0.0200		104	40-140			
Endosulfan I	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
Endosulfan I [2C]	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
Endosulfan II	0.020	0.0080	mg/Kg wet	0.0200		98.2	40-140			
Endosulfan II [2C]	0.020	0.0080	mg/Kg wet	0.0200		98.7	40-140			
Endosulfan Sulfate	0.019	0.0080	mg/Kg wet	0.0200		94.5	40-140			
Endosulfan Sulfate [2C]	0.019	0.0080	mg/Kg wet	0.0200		95.8	40-140			
Endrin	0.017	0.0080	mg/Kg wet	0.0200		87.5	40-140			
Endrin [2C]	0.017	0.0080	mg/Kg wet	0.0200		84.6	40-140			
Endrin Ketone	0.019	0.0080	mg/Kg wet	0.0200		95.5	40-140			
Endrin Ketone [2C]	0.020	0.0080	mg/Kg wet	0.0200		98.6	40-140			
Heptachlor	0.019	0.0050	mg/Kg wet	0.0200		96.6	40-140			
Heptachlor [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Heptachlor Epoxide	0.020	0.0050	mg/Kg wet	0.0200		99.0	40-140			
Heptachlor Epoxide [2C]	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
Hexachlorobenzene	0.020	0.0050	mg/Kg wet	0.0200		102	40-140			
Hexachlorobenzene [2C]	0.019	0.0050	mg/Kg wet	0.0200		93.8	40-140			
Methoxychlor	0.019	0.050	mg/Kg wet	0.0200		96.9	40-140			
Methoxychlor [2C]	0.019	0.050	mg/Kg wet	0.0200		96.0	40-140			
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		84.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.177*		mg/Kg wet	0.200		88.5	30-150			
LCS Dup (B035321-BSD1)				Prepared: 08/11/11 Analyzed: 08/16/11						
Aldrin	0.019	0.0050	mg/Kg wet	0.0200		93.6	40-140	4.39	30	
Aldrin [2C]	0.020	0.0050	mg/Kg wet	0.0200		98.1	40-140	4.59	30	
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		94.4	40-140	3.95	30	
alpha-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.3	40-140	3.96	30	
beta-BHC	0.019	0.0050	mg/Kg wet	0.0200		96.9	40-140	3.58	30	
beta-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.8	40-140	3.70	30	
delta-BHC	0.017	0.0050	mg/Kg wet	0.0200		86.3	40-140	3.49	30	
delta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		87.4	40-140	4.04	30	
gamma-BHC (Lindane)	0.018	0.0020	mg/Kg wet	0.0200		91.1	40-140	3.86	30	
gamma-BHC (Lindane) [2C]	0.019	0.0020	mg/Kg wet	0.0200		94.3	40-140	3.56	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035321 - SW-846 3546										
LCS Dup (B035321-BSD1)				Prepared: 08/11/11 Analyzed: 08/16/11						
4,4'-DDD	0.019	0.0040	mg/Kg wet	0.0200		94.5	40-140	4.47	30	
4,4'-DDD [2C]	0.019	0.0040	mg/Kg wet	0.0200		96.5	40-140	3.92	30	
4,4'-DDE	0.019	0.0040	mg/Kg wet	0.0200		96.0	40-140	4.03	30	
4,4'-DDE [2C]	0.019	0.0040	mg/Kg wet	0.0200		97.5	40-140	4.14	30	
4,4'-DDT	0.019	0.0040	mg/Kg wet	0.0200		93.4	40-140	4.16	30	
4,4'-DDT [2C]	0.019	0.0040	mg/Kg wet	0.0200		94.7	40-140	4.02	30	
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		103	40-140	3.99	30	
Dieldrin [2C]	0.020	0.0040	mg/Kg wet	0.0200		99.6	40-140	4.18	30	
Endosulfan I	0.019	0.0050	mg/Kg wet	0.0200		96.9	40-140	4.03	30	
Endosulfan I [2C]	0.019	0.0050	mg/Kg wet	0.0200		97.0	40-140	3.98	30	
Endosulfan II	0.019	0.0080	mg/Kg wet	0.0200		94.3	40-140	4.11	30	
Endosulfan II [2C]	0.019	0.0080	mg/Kg wet	0.0200		94.7	40-140	4.14	30	
Endosulfan Sulfate	0.018	0.0080	mg/Kg wet	0.0200		91.2	40-140	3.60	30	
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		92.4	40-140	3.68	30	
Endrin	0.017	0.0080	mg/Kg wet	0.0200		84.2	40-140	3.88	30	
Endrin [2C]	0.016	0.0080	mg/Kg wet	0.0200		82.0	40-140	3.14	30	
Endrin Ketone	0.018	0.0080	mg/Kg wet	0.0200		91.9	40-140	3.88	30	
Endrin Ketone [2C]	0.019	0.0080	mg/Kg wet	0.0200		94.6	40-140	4.14	30	
Heptachlor	0.019	0.0050	mg/Kg wet	0.0200		92.7	40-140	4.18	30	
Heptachlor [2C]	0.019	0.0050	mg/Kg wet	0.0200		96.4	40-140	3.90	30	
Heptachlor Epoxide	0.019	0.0050	mg/Kg wet	0.0200		95.1	40-140	3.99	30	
Heptachlor Epoxide [2C]	0.019	0.0050	mg/Kg wet	0.0200		97.0	40-140	3.96	30	
Hexachlorobenzene	0.019	0.0050	mg/Kg wet	0.0200		92.6	40-140	9.39	30	
Hexachlorobenzene [2C]	0.017	0.0050	mg/Kg wet	0.0200		85.8	40-140	8.97	30	
Methoxychlor	0.019	0.050	mg/Kg wet	0.0200		93.9	40-140	3.11	30	
Methoxychlor [2C]	0.019	0.050	mg/Kg wet	0.0200		92.8	40-140	3.35	30	
Surrogate: Decachlorobiphenyl	*0.161*		mg/Kg wet	0.200		80.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.168*		mg/Kg wet	0.200		84.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.163*		mg/Kg wet	0.200		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.169*		mg/Kg wet	0.200		84.6	30-150			

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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 B035326 - SW-846 3546										
Blank (B035326-BLK1)				Prepared: 08/11/11 Analyzed: 08/12/11						
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	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		91.9	30-150			
LCS (B035326-BS1)				Prepared: 08/11/11 Analyzed: 08/12/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		122	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		99.2	40-140			
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		86.7	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		87.9	40-140			
Surrogate: Decachlorobiphenyl	*0.151*		mg/Kg wet	0.200		75.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.160*		mg/Kg wet	0.200		79.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		89.1	30-150			
LCS Dup (B035326-BSD1)				Prepared: 08/11/11 Analyzed: 08/12/11						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	11.8	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		96.2	40-140	3.09	30	
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		90.2	40-140	3.94	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		90.9	40-140	3.34	30	
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		94.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		88.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.171*		mg/Kg wet	0.200		85.5	30-150			

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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 B035326 - SW-846 3546												
Matrix Spike (B035326-MS1)	**Source: 11H0403-02**			Prepared: 08/11/11 Analyzed: 08/12/11								
Aroclor-1016	1.0	0.13	mg/Kg dry	0.270	ND	**383**	*	40-140				MS-21
Aroclor-1016 [2C]	1.6	0.13	mg/Kg dry	0.270	ND	**579**	*	40-140				MS-21
Aroclor-1260	2.9	0.13	mg/Kg dry	0.270	ND	**1070**	*	40-140				MS-21
Aroclor-1260 [2C]	3.5	0.13	mg/Kg dry	0.270	ND	**1290**	*	40-140				MS-21
Surrogate: Decachlorobiphenyl	*0.218*		mg/Kg dry	0.270		80.7		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.275*		mg/Kg dry	0.270		102		30-150				
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg dry	0.270		69.5		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.167*		mg/Kg dry	0.270		61.9		30-150				
Matrix Spike Dup (B035326-MSD1)	**Source: 11H0403-02**			Prepared: 08/11/11 Analyzed: 08/12/11								
Aroclor-1016	0.70	0.13	mg/Kg dry	0.270	ND	**258**	*	40-140	39.2		50	MS-21
Aroclor-1016 [2C]	0.99	0.13	mg/Kg dry	0.270	ND	**368**	*	40-140	44.7		50	MS-21
Aroclor-1260	1.5	0.13	mg/Kg dry	0.270	ND	**549**	*	40-140	**64.6**	*	50	MS-21
Aroclor-1260 [2C]	1.8	0.13	mg/Kg dry	0.270	ND	**667**	*	40-140	**63.9**	*	50	MS-21
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg dry	0.270		67.6		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.248*		mg/Kg dry	0.270		92.0		30-150				
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg dry	0.270		63.4		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.166*		mg/Kg dry	0.270		61.4		30-150				

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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 B035286 - SW-846 7471										
Blank (B035286-BLK1)				Prepared: 08/11/11 Analyzed: 08/12/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B035286-BS1)				Prepared: 08/11/11 Analyzed: 08/12/11						
Mercury	1.12	0.093	mg/Kg wet	1.25		89.7	66-132			
LCS Dup (B035286-BSD1)				Prepared: 08/11/11 Analyzed: 08/12/11						
Mercury	1.06	0.092	mg/Kg wet	1.25		84.9	66-132	5.53	30	
Batch B035407 - SW-846 3050B										
Blank (B035407-BLK1)				Prepared: 08/12/11 Analyzed: 08/15/11						
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 (B035407-BS1)				Prepared: 08/12/11 Analyzed: 08/15/11						
Arsenic	92.9	5.0	mg/Kg wet	92.6		100	83.2-117.4			
Barium	173	5.0	mg/Kg wet	169		102	83.1-116.9			
Cadmium	62.9	0.50	mg/Kg wet	61.8		102	80.7-119.1			
Chromium	70.6	1.0	mg/Kg wet	71.3		99.0	80.6-119.9			
Lead	86.5	1.5	mg/Kg wet	92.4		93.6	78.9-121.1			
Selenium	88.9	10	mg/Kg wet	89.5		99.4	79.2-120.3			
Silver	33.2	1.0	mg/Kg wet	34.4		96.6	66.3-133.7			
LCS (B035407-BS2)				Prepared: 08/12/11 Analyzed: 08/15/11						
Lead	0.798	0.75	mg/Kg wet	0.753		106	80-120			
LCS Dup (B035407-BSD1)				Prepared: 08/12/11 Analyzed: 08/15/11						
Arsenic	92.6	5.0	mg/Kg wet	92.6		100	83.2-117.4	0.357	30	
Barium	169	5.0	mg/Kg wet	169		100	83.1-116.9	2.28	30	
Cadmium	62.7	0.50	mg/Kg wet	61.8		102	80.7-119.1	0.313	30	
Chromium	69.6	0.99	mg/Kg wet	71.3		97.6	80.6-119.9	1.40	30	
Lead	86.0	1.5	mg/Kg wet	92.4		93.1	78.9-121.1	0.538	30	
Selenium	87.1	9.9	mg/Kg wet	89.5		97.4	79.2-120.3	2.04	30	
Silver	32.9	0.99	mg/Kg wet	34.4		95.7	66.3-133.7	0.948	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 B035328 - SW-846 9045C										
Duplicate (B035328-DUP1)	**Source: 11H0403-02**			Prepared & Analyzed: 08/11/11						
pH	5.9		pH Units		5.9			0.170	8.06	H-03
Batch B035349 - SW-846 1010										
Blank (B035349-BLK1)				Prepared & Analyzed: 08/11/11						
Flashpoint	> 212 °F		°F							
LCS (B035349-BS1)				Prepared & Analyzed: 08/11/11						
Flashpoint	82		°F	81.0		101	98.8-101			
LCS Dup (B035349-BSD1)				Prepared & Analyzed: 08/11/11						
Flashpoint	82		°F	81.0		101	98.8-101	0.00	1.57	
Batch B035350 - SW-846 9014										
Blank (B035350-BLK1)				Prepared: 08/11/11 Analyzed: 08/16/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B035350-BS1)				Prepared: 08/11/11 Analyzed: 08/16/11						
Reactive Cyanide	9.9	0.40	mg/Kg	10.0		98.9	0-200			
Batch B035351 - SW-846 9030A										
Blank (B035351-BLK1)				Prepared & Analyzed: 08/11/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B035351-BS1)				Prepared & Analyzed: 08/11/11						
Reactive Sulfide	14	2.0	mg/Kg	15.2		89.5	0-200			

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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.
H-03	Sample received after recommended holding time was exceeded.
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.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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.
Z-01	Reporting limit elevated due to dilution required because of chromatographic interference, see attached chromatogram.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H0403

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL, MA.
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD MA.
Sampled By: JASON FIERO

Telephone: 978-970-5600
Project # 115058
Client PO# 35934

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ✓ GIS
○ OTHER
○ "Enhanced Data Package"

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

	EA	6	2	2	2	2	2	2	2	2	2	TOTALS
# of Containers		3	1	1	1	1	1	1	1	1	1	12
** Preservation		M/O	A	G	A	A	A	G	A	A	P	
***Container Code												

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	VOC 8260	SVOC 8270	RCRA 8	PCBs 8082	PESTICIDES	HERBICIDES -	RCRA 8 (EXTRACT & HOLD) TCLP METALS	IGNITABILITY F.P.	CORROSIVITY pH	REACTIVE SULFIDE & CYANIDE
-1	STKP-C-2	8/9/11	13:30	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓
-2	STKP-C-3	8/9/11	13:45	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓
		03-10-11	19:39		N												

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: HOLD HERBICIDES. ONLY
EXTRACT & HOLD TCLP METALS FOR TOTAL RCRA8 TRIGGERS.

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:	Received by: (signature)	Date/Time:
Jason F. Fiero	1455 8.10.11	Scott Malfa	1455 8.10.11
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
Scott Malfa	1920 8.10.11	Stacy Mahan 2.5	8/10 1920

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 96 HR.
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

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East Longmeadow, MA. 01028
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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 8/10/11

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

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 2.5 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 RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) 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	2
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	6	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2

Bisulfate _____ # DI Water 4

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-10-11 19:38 IN

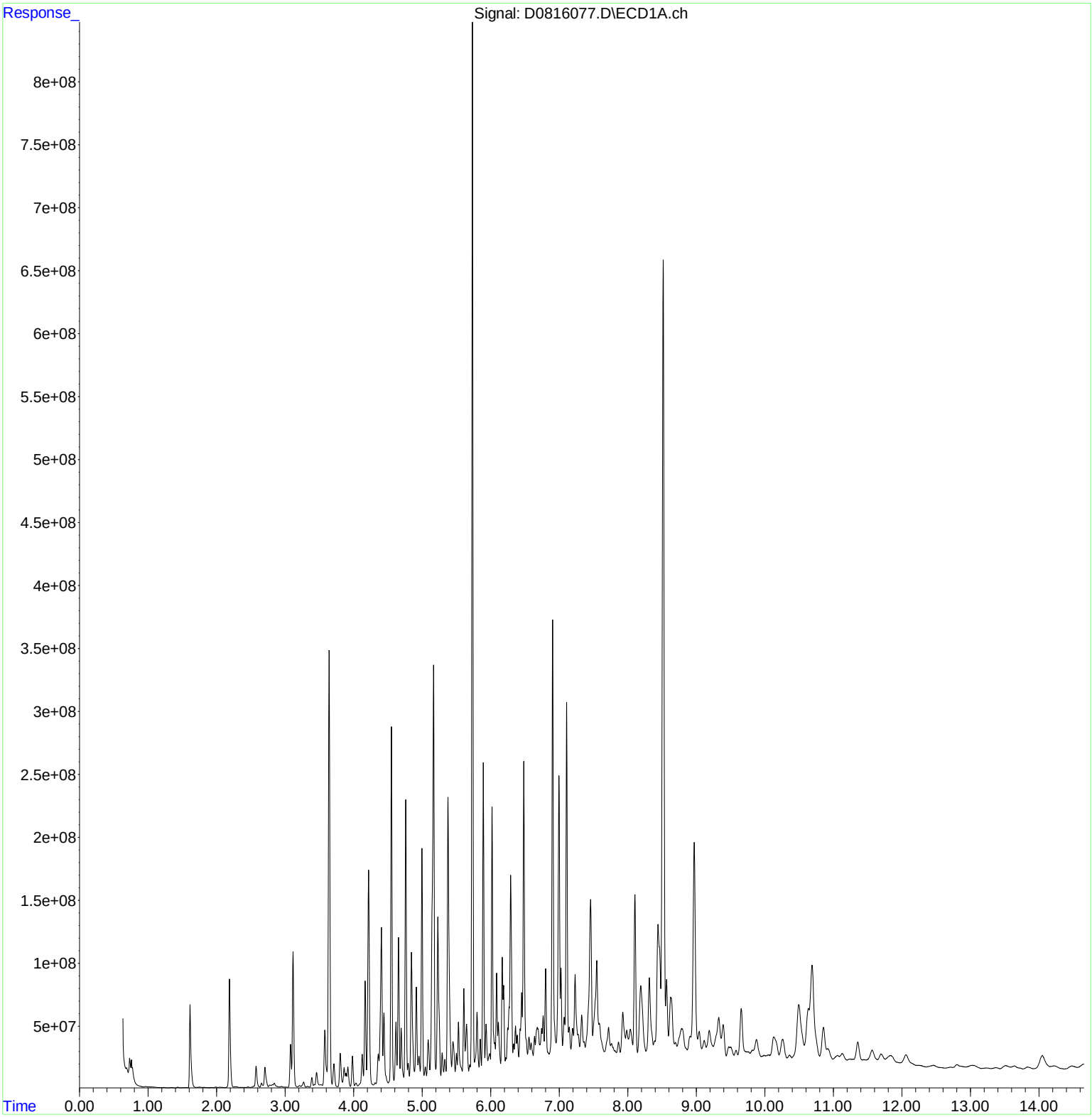
Do all samples have the proper Acid pH: Yes No (N/A) _____

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

Doc# 277

Rev. 1 May 2011

File :C:\msdchem\1\DATA\081611\D0816077.D
Operator : JMB
Acquired : 17 Aug 2011 8:17 am using AcqMethod PESTBACK.M
Instrument : ECD 4
Sample Name: 11H0403-02
Misc Info :
Vial Number: 77



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

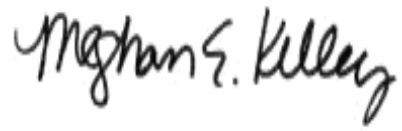
August 24, 2011

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

Project Location: NBHS Ram Disposal
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0822

Enclosed are results of analyses for samples received by the laboratory on August 22, 2011. 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: 8/24/2011

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0822

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

PROJECT LOCATION: NBHS Ram Disposal

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-C-1	11H0822-01	Soil		SW-846 1030 SW-846 9014 SW-846 9030A SW-846 9045C	

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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.

SW-846 1030

Qualifications:

Analysis was requested after the recommended holding time had passed.

Analyte & Samples(s) Qualified:

Ignitability
11H0822-01[STKP-C-1]

SW-846 9014

Qualifications:

Analysis was requested after the recommended holding time had passed.

Analyte & Samples(s) Qualified:

Reactive Cyanide
11H0822-01[STKP-C-1]

SW-846 9030A

Qualifications:

Analysis was requested after the recommended holding time had passed.

Analyte & Samples(s) Qualified:

Reactive Sulfide
11H0822-01[STKP-C-1]

SW-846 9045C

Qualifications:

Analysis was requested after the recommended holding time had passed.

Analyte & Samples(s) Qualified:

pH
11H0822-01[STKP-C-1]

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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

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

Project Location: NBHS Ram Disposal | Sample Description: | Work Order: 11H0822

Date Received: 8/22/2011

Field Sample #: STKP-C-1 | Sampled: 7/12/2011 10:00

Sample ID: 11H0822-01

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
Ignitability	Absent		present/absent	1	H-10	SW-846 1030	8/23/11	8/23/11 8:30	LL
pH @18.4°C	6.0		pH Units	1	H-10	SW-846 9045C	8/23/11	8/23/11 8:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1	H-10	SW-846 9014	8/23/11	8/23/11 13:39	SBP
Reactive Sulfide	ND	20	mg/Kg	1	H-10	SW-846 9030A	8/23/11	8/23/11 15:12	SBP

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Sample Extraction Data

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0822-01 [STKP-C-1]	B036003	50.0	50.0	08/23/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0822-01 [STKP-C-1]	B036024	25.0	250	08/23/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11H0822-01 [STKP-C-1]	B036036	25.0	250	08/23/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11H0822-01 [STKP-C-1]	B036008	20.0	08/23/11

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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 B036024 - SW-846 9014										
Blank (B036024-BLK1)				Prepared & Analyzed: 08/23/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B036024-BS1)				Prepared & Analyzed: 08/23/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B036036 - SW-846 9030A										
Blank (B036036-BLK1)				Prepared & Analyzed: 08/23/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B036036-BS1)				Prepared & Analyzed: 08/23/11						
Reactive Sulfide	12	2.0	mg/Kg	15.2		76.3	0-200			

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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.
H-10	Analysis was requested after the recommended holding time had passed.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

11H0822 ~~11G0270~~

Company Name: TRC
Address: 650 Suffolk St, Lowell, MA 01854
Attention: David Sullivan
Project Location: NBHS RAM Disposal
Sampled By: Charles Foster

Project Proposal Provided? (for billing purposes) ☒ yes 2002 proposal date

Telephone: 978-970-5600
Project #: 115058
Client PO#: ~~342720~~ 35060

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

	RCRA 5 Metals (As, Cd, Cr, Pb, Hg)	SVOC's	VOC's High low	PCB's	TPH (DRO)	TCLP Metals (HOLD)	Conductivity	Ignitability ⊛	Reactive Cyanide ⊛	Reactive Sulfide ⊛	Corrosivity ⊛
# of Containers	2	2	3	2	2	2	2				
** Preservation	I	I	M/O	I	I	I	I				
***Container Code	A	A	V	A	A	A	A				

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	RCRA 5 Metals	SVOC's	VOC's	PCB's	TPH (DRO)	TCLP Metals (HOLD)	Conductivity	Ignitability	Reactive Cyanide	Reactive Sulfide	Corrosivity
-01	STKP-C-1	7/12/11 800	7/12/11 1000	X	7/1000	S	U	X	X	X	X	X	H	X	⊗	⊗	⊗	⊗

⊛ Sample activated per Jeff S. HF 8/22/11

⊛ Extract and hold TCLP per attached email. MW 7/14/11

07-12-11 17:54 IN

Comments: H = HOLD FOR POTENTIAL TCLP Post Metals Results
1 8 OUNCE JAR EXTRA VOLUME PROVIDED

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

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 DI H2O

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

Signature	Date/Time
Relinquished by: (signature) [signature]	07/12/11 1600
Received by: (signature) [signature]	7-12-11 1600
Relinquished by: (signature) [signature]	7-12-11 1720
Received by: (signature) [signature] 5.0°	7/12/11 17:20

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

Detection Limit Requirements
Massachusetts: See Quote
Connecticut:
Other:

Is your project MCP or RCP ?
☒ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ______

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NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

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Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Monday, August 22, 2011 9:01 AM
To: Holly Folsom (hfolsom@contestlabs.com)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: FW: Misc. Authorizations
Attachments: STKP-C-1 CoC.pdf; 11H0403_COC_01.pdf

Importance: High

Holly,

As discussed, please see my questions below...

Dennis, for reference this week Holly will be handling New Bedford related items at Con-Test in Meghan's absence.

Thanks.

-Jeff

From: Saunders, Jeffry (Lowell,MA-US)
Sent: Monday, August 22, 2011 8:56 AM
To: 'Meghan Kelley'
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: Misc. Authorizations
Importance: High

Meghan,

Do you still have enough soil volume from TRC sample STKP-C-1 (see attached chain-of-custody) to run ignitability, reactive sulfide, reactive cyanide and corrosivity? If so, how quickly could you turnaround those results? This work would be under PO #35060.

In addition, how quickly could you turnaround TCLP lead results for TRC samples STKP-C-2 and STKP-C-3 (see additional attachment)? We are still determining if we in fact need to proceed with the TCLP analyses, so just seeing what our options are at the moment. I'll keep you posted should anything change on this front.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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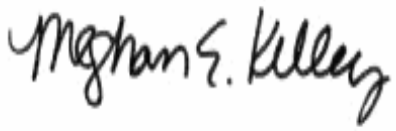
August 24, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11H0839

Enclosed are results of analyses for samples received by the laboratory on August 22, 2011. 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: 8/24/2011

PURCHASE ORDER NUMBER: 35934

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0839

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-C-2	11H0839-01	Soil		SW-846 1311	
				SW-846 6010C	
STKP-C-3	11H0839-02	Soil		SW-846 1311	
				SW-846 6010C	

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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 lead was requested and reported.

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, MA | Sample Description: | Work Order: 11H0839

Date Received: 8/22/2011

Field Sample #: STKP-C-2 | Sampled: 8/9/2011 13:30

Sample ID: 11H0839-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.3	0.010	mg/L	1		SW-846 6010C	8/23/11	8/23/11 13:33	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11H0839

Date Received: 8/22/2011

Field Sample #: STKP-C-3 | Sampled: 8/9/2011 13:45

Sample ID: 11H0839-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.3	0.010	mg/L	1		SW-846 6010C	8/23/11	8/23/11 13:39	OP

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

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 8/22/2011 per SW-846 1311 in Batch B035877**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0839-01 [STKP-C-2]	B035993	50.0	50.0	08/23/11
11H0839-02 [STKP-C-3]	B035993	50.0	50.0	08/23/11

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

QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035993 - SW-846 3010A										
Blank (B035993-BLK1)				Prepared & Analyzed: 08/23/11						
Lead	ND	0.010	mg/L							
LCS (B035993-BS1)				Prepared & Analyzed: 08/23/11						
Lead	0.467	0.010	mg/L	0.500		93.3	80-120			
LCS Dup (B035993-BSD1)				Prepared & Analyzed: 08/23/11						
Lead	0.463	0.010	mg/L	0.500		92.6	80-120	0.841	20	
Matrix Spike (B035993-MS1)	**Source: 11H0839-02**			Prepared & Analyzed: 08/23/11						
Lead	1.78	0.010	mg/L	0.500	1.34	88.6	75-125			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

CHAIN OF CUSTODY RECORD

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

11H0839 ~~11H0403~~

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL, MA.
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD MA.
Sampled By: JASON FIERO
Project Proposal Provided? (for billing purposes) ○ yes ____ proposal date

Telephone: 978-970-5600
Project # 119058
Client PO# 35934
DATA DELIVERY (check all that apply) ○ FAX ☑ EMAIL ☑ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ☑ GIS ○ OTHER ○ "Enhanced Data Package"

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	VOC 8260	SVOC 8270	RCRA 8	PCBs 8082	PESTICIDES	HERBICIDES	RCRA 8 TCLP METALS (EXTRACT & HOLD)	IGNITABILITY F.P.	CORROSIVITY pH	REACTIVE SULFIDE & CYANIDE	TCLP Lead (*)
# of Containers								3	1	1	1	1	1	1	1	1	1	12 -
** Preservation								M/O	A	G	A	A	A	G	A	A	A	
(EA)								6	2	2	2	2	2	2	2	2	2	TOTALS
-1	STKP-C-2	8/9/11	13:30	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	(X)
-2	STKP-C-3	8/9/11	13:45	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	(X)

(*) Sample activated per Jeff S. HF 8/22/11

08-10-11 19:39 N

Comments: HOLD HERBICIDES. ONLY
EXTRACT & HOLD TCLP METALS FOR TOTAL RCRA 8 TRIGGERS.

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:
[signature] Jason C. Fiero	8-10-11 1455
Received by: (signature) [signature]	8-10-11 1455
Relinquished by: (signature) [signature]	8-10-11 1920
Received by: (signature) [signature] 2.5	8/10 1920

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 96 HR.
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other: TURNKEY

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ____

NELAC & AIHA Certified
WBE/DBE Certified

***Container Code

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 (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 8/10/11

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

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 2.5 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 RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) 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	2
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	6	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2

Bisulfate _____ # DI Water 4

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:
08-10-11 19:38 IN

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

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

Doc# 277

Rev. 1 May 2011

Holly Folsom

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Monday, August 22, 2011 2:56 PM
To: Holly Folsom
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Misc. Authorizations
Attachments: 11H0570_COC_01.pdf

Holly,

Thanks for the update. Please proceed with the rush turn on the two TCLP lead results as you note below.

In addition, the report for 11H0570 (TRC samples STKP-B2-1 and STKP-B2-2) was due by the end of the day on Friday (CoC is attached). We have not seen those results yet, but need them ASAP. Can you please look into the timing on that report? I'm also assuming any surcharge for the 4-day turn will be removed from the invoice for those particular samples.

Thanks.

-Jeff

From: Holly Folsom [mailto:hfolsom@contestlabs.com]
Sent: Monday, August 22, 2011 2:09 PM
To: Saunders, Jeffry (Lowell,MA-US)
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: RE: Misc. Authorizations

Hi Jeff,

For the TCLP lead for STKP-C-2 and STKP-C-3, we can have the results to you for tomorrow if needed.

For STKP-C-1, I have added ignitability, reactive cyanide, reactive sulfide and corrosivity. We can have the results to you in a 48-hour TAT.

Let me know if you have any other questions.

Thanks,

Holly Folsom
Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-2332 x50
HFolsom@contestlabs.com

From: Saunders, Jeffry (Lowell,MA-US) [mailto:JSaunders@trcsolutions.com]
Sent: Monday, August 22, 2011 9:01 AM
To: Holly Folsom (hfolsom@contestlabs.com)

Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: FW: Misc. Authorizations
Importance: High

Holly,

As discussed, please see my questions below...

Dennis, for reference this week Holly will be handling New Bedford related items at Con-Test in Meghan's absence.

Thanks.

-Jeff

From: Saunders, Jeffry (Lowell,MA-US)
Sent: Monday, August 22, 2011 8:56 AM
To: 'Meghan Kelley'
Cc: Tuttle, Dennis (Lowell,MA-US)
Subject: Misc. Authorizations
Importance: High

Meghan,

Do you still have enough soil volume from TRC sample STKP-C-1 (see attached chain-of-custody) to run ignitability, reactive sulfide, reactive cyanide and corrosivity? If so, how quickly could you turnaround those results? This work would be under PO #35060.

In addition, how quickly could you turnaround TCLP lead results for TRC samples STKP-C-2 and STKP-C-3 (see additional attachment)? We are still determining if we in fact need to proceed with the TCLP analyses, so just seeing what our options are at the moment. I'll keep you posted should anything change on this front.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11H0839
Project Location: New Bedford, MA	RTN:

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

11H0839-01 thru 11H0839-02

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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: 08/23/11

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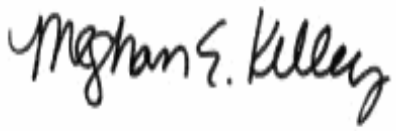
September 2, 2011

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

Project Location: NBHS - New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11I0072

Enclosed are results of analyses for samples received by the laboratory on September 2, 2011. 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: 9/2/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I0072

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

PROJECT LOCATION: NBHS - New Bedford

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP CT 3	11I0072-01	Soil		SM 2540G	
				SW-846 8270D	
STKP CT 2	11I0072-02	Soil		SM 2540G	
				SW-846 8270D	
STKP CT 1	11I0072-03	Soil		SM 2540G	
				SW-846 8270D	

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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 8270, only PAHs were requested and reported.

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.

Meghan E. Kelley
Project Chemist

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

Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 3 | Sampled: 8/25/2011 13:00

Sample ID: 11I0072-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Anthracene	0.85	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Benzo(a)anthracene	3.6	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Benzo(a)pyrene	3.5	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Benzo(b)fluoranthene	4.1	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Benzo(g,h,i)perylene	2.3	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Benzo(k)fluoranthene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Chrysene	4.0	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Dibenz(a,h)anthracene	0.68	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Fluoranthene	4.3	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Fluorene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Indeno(1,2,3-cd)pyrene	2.8	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
2-Methylnaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Naphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Phenanthrene	4.0	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL
Pyrene	7.2	0.38	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 19:54	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	78.3	30-130		8/29/11 19:54
2-Fluorobiphenyl	71.2	30-130		8/29/11 19:54
Terphenyl-d14	93.0	30-130		8/29/11 19:54

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 3 | Sampled: 8/25/2011 13:00

Sample ID: 11I0072-01

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	90.0		% Wt	1		SM 2540G	9/2/11	9/2/11 12:20	FWD

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 2 | Sampled: 8/25/2011 13:15

Sample ID: 11I0072-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.47	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Anthracene	1.1	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Benzo(a)anthracene	3.1	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Benzo(a)pyrene	2.8	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Benzo(b)fluoranthene	3.4	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Benzo(g,h,i)perylene	1.6	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Benzo(k)fluoranthene	1.2	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Chrysene	3.5	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Dibenz(a,h)anthracene	0.49	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Fluoranthene	5.1	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Fluorene	0.66	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Indeno(1,2,3-cd)pyrene	2.0	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
2-Methylnaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Phenanthrene	5.5	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL
Pyrene	6.8	0.39	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:26	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	80.1	30-130		8/29/11 20:26
2-Fluorobiphenyl	75.1	30-130		8/29/11 20:26
Terphenyl-d14	89.3	30-130		8/29/11 20:26

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 2 | Sampled: 8/25/2011 13:15

Sample ID: 11I0072-02

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	86.4		% Wt	1		SM 2540G	9/2/11	9/2/11 12:20	FWD

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 1 | Sampled: 8/25/2011 13:30

Sample ID: 11I0072-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Acenaphthylene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Anthracene	0.45	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Benzo(a)anthracene	1.4	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Benzo(a)pyrene	1.3	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Benzo(b)fluoranthene	1.4	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Benzo(g,h,i)perylene	0.80	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Benzo(k)fluoranthene	0.53	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Chrysene	1.5	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Dibenz(a,h)anthracene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Fluoranthene	2.1	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Fluorene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
2-Methylnaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Naphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Phenanthrene	1.9	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL
Pyrene	2.9	0.42	mg/Kg dry	1		SW-846 8270D	8/29/11	8/29/11 20:57	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
Nitrobenzene-d5	92.5	30-130		8/29/11 20:57
2-Fluorobiphenyl	82.2	30-130		8/29/11 20:57
Terphenyl-d14	91.9	30-130		8/29/11 20:57

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Project Location: NBHS - New Bedford | Sample Description: | Work Order: 11I0072

Date Received: 9/2/2011

Field Sample #: STKP CT 1 | Sampled: 8/25/2011 13:30

Sample ID: 11I0072-03

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
% Solids	81.1		% Wt	1		SM 2540G	9/2/11	9/2/11 12:20	FWD

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I0072-01 [STKP CT 3]	B036716	09/02/11
11I0072-02 [STKP CT 2]	B036716	09/02/11
11I0072-03 [STKP CT 1]	B036716	09/02/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0072-01 [STKP CT 3]	B036373	30.2	2.00	08/29/11
11I0072-02 [STKP CT 2]	B036373	30.1	2.00	08/29/11
11I0072-03 [STKP CT 1]	B036373	30.1	2.00	08/29/11

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

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 B036373 - SW-846 3546										
Blank (B036373-BLK1)				Prepared & Analyzed: 08/29/11						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	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							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.52*		mg/Kg wet	3.33		75.7	30-130			
Surrogate: 2-Fluorobiphenyl	*3.00*		mg/Kg wet	3.33		90.1	30-130			
Surrogate: Terphenyl-d14	*4.25*		mg/Kg wet	3.33		128	30-130			
LCS (B036373-BS1)				Prepared & Analyzed: 08/29/11						
Acenaphthene	1.36	0.17	mg/Kg wet	1.67		81.6	40-140			
Acenaphthylene	1.31	0.17	mg/Kg wet	1.67		78.7	40-140			
Anthracene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140			
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.1	40-140			
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.1	40-140			
Benzo(b)fluoranthene	1.37	0.17	mg/Kg wet	1.67		82.4	40-140			
Benzo(g,h,i)perylene	1.28	0.17	mg/Kg wet	1.67		76.5	40-140			
Benzo(k)fluoranthene	1.44	0.17	mg/Kg wet	1.67		86.3	40-140			
Chrysene	1.37	0.17	mg/Kg wet	1.67		82.4	40-140			
Dibenz(a,h)anthracene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
Fluoranthene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140			
Fluorene	1.34	0.17	mg/Kg wet	1.67		80.2	40-140			
Indeno(1,2,3-cd)pyrene	1.71	0.17	mg/Kg wet	1.67		102	40-140			
2-Methylnaphthalene	1.30	0.17	mg/Kg wet	1.67		78.1	40-140			
Naphthalene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140			
Phenanthrene	1.37	0.17	mg/Kg wet	1.67		82.3	40-140			
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140			
Surrogate: Nitrobenzene-d5	*2.29*		mg/Kg wet	3.33		68.8	30-130			
Surrogate: 2-Fluorobiphenyl	*3.35*		mg/Kg wet	3.33		100	30-130			
Surrogate: Terphenyl-d14	*3.95*		mg/Kg wet	3.33		118	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 B036373 - SW-846 3546										
LCS Dup (B036373-BSD1)				Prepared & Analyzed: 08/29/11						
Acenaphthene	1.38	0.17	mg/Kg wet	1.67		82.9	40-140	1.56	30	
Acenaphthylene	1.33	0.17	mg/Kg wet	1.67		79.7	40-140	1.24	30	
Anthracene	1.40	0.17	mg/Kg wet	1.67		84.3	40-140	1.87	30	
Benzo(a)anthracene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140	0.859	30	
Benzo(a)pyrene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	0.0697	30	
Benzo(b)fluoranthene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140	3.23	30	
Benzo(g,h,i)perylene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	5.37	30	
Benzo(k)fluoranthene	1.39	0.17	mg/Kg wet	1.67		83.3	40-140	3.58	30	
Chrysene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140	2.49	30	
Dibenz(a,h)anthracene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140	9.96	30	
Fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140	10.4	30	
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.4	40-140	6.33	30	
Indeno(1,2,3-cd)pyrene	1.87	0.17	mg/Kg wet	1.67		112	40-140	9.02	30	
2-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140	2.53	30	
Naphthalene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140	5.05	30	
Phenanthrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	1.97	30	
Pyrene	1.76	0.17	mg/Kg wet	1.67		105	40-140	12.1	30	
Surrogate: Nitrobenzene-d5	*2.38*		mg/Kg wet	3.33		71.4	30-130			
Surrogate: 2-Fluorobiphenyl	*3.28*		mg/Kg wet	3.33		98.5	30-130			
Surrogate: Terphenyl-d14	*4.28*		mg/Kg wet	3.33		128	30-130			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC
Fluorene	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC
Phenanthrene	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC

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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H1099

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF & JR.

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOC 8260	SVOC 8270	RCRA 8 METALS	PCB's 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/PH.	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
								3	1G2	2	2	2	2	2	2	2	2	2	2	2	2
								M/D	-	-	-	-	-	-	-	-	-	-	-	-	-
								V	A	A	A	A	A	A	A	A	A	A	A	A	AG
-01	STKP A2 5	8/25	9:50	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP B3 10	8/25	10:15	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP B3 11	8/25	11:40	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-04	STKP B3 12	8/25	12:20	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-05	STKP B3 13	8/25	12:45	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-06	STKP CT 3	8/25	13:00	✓		S						✓									
-07	STKP CT 2	8/25	13:15	✓		S						✓									
-08	STKP CT 1	8/25	13:30	✓		S						✓									
-09	STKP B3 14	8/25	14:30	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-10	STKP B3 15	8/25	14:50	✓	VOC	S					✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
08-26-11 21:09 IN

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

	Date/Time:
Relinquished by: (signature) Jason C. Fiss	8/26 0925
Received by: (signature)	Date/Time: 8-26-11 0925
Relinquished by: (signature)	Date/Time: 8-26-11 2110
Received by: (signature)	Date/Time: 8/27/11 0710

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

CHAIN OF CUSTODY RECORD

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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 2 of 2

11H1099

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA.
Attention: DAVID SULLIVAN
Project Location: NBHS NEW BEDFORD
Sampled By: JF & JR

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓EMAIL ✓WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓PDF ✓EXCEL ○GIS ○ OTHER
○ "Enhanced Data Package"

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

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
11	STKP B3 16	8/25	15:10	✓	VOC	S	4

# of Containers	3	2	2	2	2	2	2	2	2	2	2
** Preservation	N/P	-	-	-	-	-	-	-	-	-	-
***Container Code	V	A	A	A	A	A	A	A	A	A	AG

ANALYSIS REQUESTED

	VOC 8260	SVOC 8270	RCRA 8 METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH	CYANIDE & REACTIVE SULFIDE	TPH BY 8100 M DRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
11	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

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:
08-26-11 21:09 IN

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:
	8/26 0708
Received by: (signature)	Date/Time:
	8-26-11 0945
Relinquished by: (signature)	Date/Time:
	8-26-11 2110
Received by: (signature)	Date/Time:
	8/26/11 2110

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

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: CEC DATE: 8/26/11

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

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 _____

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) 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	19
500 mL Amber			4 oz amber/clear jar	8
250 mL Amber (8oz amber)			2 oz amber/clear jar	
1 Liter Plastic			Air Cassette	
500 mL Plastic			Hg/Hopcalite Tube	
250 mL plastic			Plastic Bag / Ziploc	
40 mL Vial - type listed below	24		PM 2.5 / PM 10	
Colisure / bacteria bottle			PUF Cartridge	
Dissolved Oxygen bottle			SOC Kit	
Encore			TO-17 Tubes	
Flashpoint bottle			Non-ConTest Container	
Perchlorate Kit			Other glass jar	
Other			Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 8
Bisulfate _____ # DI Water 16
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 08-26-11 21:09 IN

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 #: 11I0072
Project Location: NBHS - New Bedford	RTN:

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

11I0072-01 thru 11I0072-03

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	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]
	<u>Data User Note:</u> 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: Meghan E. Kelley Position: Project Chemist

Printed Name: Meghan E. Kelley Date: 09/02/11

ANALYTICAL REPORT

Thursday, August 18, 2011

GeoLabs, Inc.
45 Johnson Lane
Braintree MA 02184
Tele: 781 848 7844
Fax: 781 848 7811

Paul Pukk
Clean Harbors
42 Longwater Drive
Norwell, MA 02061

TEL: (781) 792-5816
FAX: (781) 792-5938

Project: EN 3636882 Task #3
Location: New Bedford High School

Order No.: 1108213

Dear Paul Pukk:

GeoLabs, Inc. received 3 sample(s) on 8/17/2011 for the analyses presented in the following report.

All data for associated QC met method or laboratory specifications, except when noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Mick
Laboratory Director

For current certifications, please visit our website at www.geolabs.com

Certifications:

CT (PH-0148) - MA (M-MA015) - ME (MA0015) - NH (2508) - NJ (MA009) - RI (LA000252)

Accredited in Accordance with NELAC

Date: *18-Aug-11*

CLIENT:	Clean Harbors
Project:	EN 3636882 Task #3
Lab Order:	1108213

CASE NARRATIVE

Physical Condition of Samples

The project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged, in appropriate containers with the correct preservation.

Project Documentation

The project was accompanied by satisfactory Chain of Custody documentation.

Analysis of Sample(s)

All extractable samples were extracted and analyzed and any Volatile samples were analyzed within method specified holding times and according to GeoLabs documented Standard Operating Procedure.

The following analytical anomalies or non-conformances were noted by the laboratory during the processing of these samples:

Dilution performed due to TCLP matrix.

SIGNATURE: LAB DIRECTOR

PRINTED NAME: David Mick DATE: August 18, 2011

ANALYTICAL REPORT **Reported Date:**

CLIENT: Clean Harbors
Project: EN 3636882 Task #3 **Lab Order:** 1108213

Lab ID: 1108213-001 **Collection Date:** 8/17/2011 10:45:00 AM
Client Sample ID: A-1 **Matrix:** SOIL

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
TCLP LEAD - 6010B						Analyst: QS
Prep Method: (SW3010A)		**Prep Date:** 8/18/2011 4:47:24 PM				
Lead	2.52	0.0500		mg/L	5	8/18/2011

Lab ID: 1108213-002 **Collection Date:** 8/17/2011 10:50:00 AM
Client Sample ID: A-2 **Matrix:** SOIL

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
TCLP LEAD - 6010B						Analyst: QS
Prep Method: (SW3010A)		**Prep Date:** 8/18/2011 4:47:24 PM				
Lead	ND	0.0500		mg/L	5	8/18/2011

Lab ID: 1108213-003 **Collection Date:** 8/17/2011 10:55:00 AM
Client Sample ID: A-3 **Matrix:** SOIL

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
TCLP LEAD - 6010B						Analyst: QS
Prep Method: (SW3010A)		**Prep Date:** 8/18/2011 4:47:24 PM				
Lead	0.135	0.0500		mg/L	5	8/18/2011

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside recovery limits		

GeoLabs, Inc.
45 Johnson Lane ~ Braintree MA 02184 ~ 781 848 7844 ~ 781 848 7811

CHAIN OF CUSTODY RECORD

GeoLabs, Inc. *Environmental Laboratories*
45 Johnson Lane, Braintree, MA 02184
p 781.848.7844 • f 781.848.7811
www.geolabs.com

1108213

Sample Handling: circle choice
Filtration: Done / Not Needed / Lab to do
Preservation: Lab to do Y / N

Special Instructions

Turnaround: circle one
1-day (2-day) 3-day 5 / 7-days

Data Delivery: circle choice (s)
Fax email
Format:
Excel PDF

Requirements: circle choice (s)
GW-1 MCP Methods CT RCP (Reasonable Confidence Protocols)
S-1 DEP State / Fed Program - Criteria _____
QC Other _____

Client: CLEAN HARBORS ENV. SERVICES
Address: 42 LONGWATER DR.
NORWELL MA
Contact: PAUL NUKK

Phone: 781 792 5816
Fax: 781-871-0690
email: pukk@cleanharbors.com

Project: NEW BEDFORD HIGH SCHOOL
Project PO: EN 3636882 TASK # 3
Invoice to *: PAUL PUKK

Preserative: TCLP Pb

COLLECTION DATE	TIME	SAMPLED BY	SAMPLE LOCATION / ID	CONTAINER TYPE	CONTAINER QUANITY	MATRIX	COMP	GRAB	GeoLabs SAMPLE NUMBER	Analysis Requested: TCLP Pb	TEMPERATURE	LAB PH
8-17	1045	DM	A-1	G	1	S	X		8213-001	X	26/21°	-
↓	1050	↓	A-2	↓	↓	↓	↓		-002	X	↓	-
↓	1055	↓	A-3	↓	↓	↓	↓		-003	X		-

Matrix Codes:
GW = Ground Water DW = Drinking Water S = Soil A = Air
WW = Waste Water SL = Sludge O = Oil OT = Other

Received on Ice: N

Preservatives
1 = Hcl 3 = H2SO4 5 = NaOH 7 = Other
2 = HNO3 4 = Na2S2O3 6 = MEOH

Containers:
A = Amber B = Bag O = Other
G = Glass P = Plastic
S = Summa V = Voa

Relinquished by:	Date / Time	Received by:	Date / Time
	8-17-11 1155		
		Danielle Vega	8/17/11 11:55a

* Terms: Payment due within 30 days unless other arrangements are made. Past due balances subject to interest and collection cost.
Note: Homeowners and Law Firms must pay when dropping off samples. We accept cash, check and credit cards.

CT (PH-0148) MA (MA - 015) PA (68-03417) NH (2508) NJ (MA-009) RI (LA000252) ME (MA - 0015)

Stockpile D

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

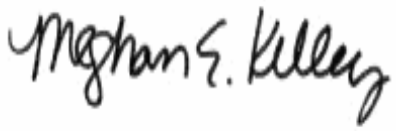
July 20, 2011

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

Project Location: NBHS (Ram Disposal)
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0026

Enclosed are results of analyses for samples received by the laboratory on July 1, 2011. 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: 7/20/2011

PURCHASE ORDER NUMBER: 34770

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0026

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

PROJECT LOCATION: NBHS (Ram Disposal)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D-1	11G0026-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8015C	
				SW-846 8082A	
				SW-846 8270D	
STKP-D-1	11G0026-02	Soil		SM 2540G	
				SW-846 8260C	

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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 - 07/20/2011 - Ba, Se and Ag added to sample -01 per clients request.

For method 6010, only RCRA 8 metals were requested and reported.

SW-846 8015C

Qualifications:

Results in the diesel organics range are primarily due to overlap from a heavy oil range product.

Analyte & Samples(s) Qualified:

Diesel Range Organics

11G0026-01[STKP-D-1]

SW-846 8260C

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:

Trichlorofluoromethane (Freon 11)

B033179-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:

2-Butanone (MEK), Acetone, Dichlorodifluoromethane (Freon 12)

B033179-BS1, B033179-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 2,2-Dichloropropane, Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Trichlorofluoromethane (Freon 11)

11G0026-02[STKP-D-1], B033179-BLK1, B033179-BS1, B033179-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

11G0026-02[STKP-D-1], B033179-BLK1, B033179-BS1, B033179-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:

2-Butanone (MEK), Tetrahydrofuran

B033179-BS1, B033179-BSD1

SW-846 8270D

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:

3,3-Dichlorobenzidine, Aniline

11G0026-01[STKP-D-1], B033070-BLK1, B033070-BS1, B033070-BSD1

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

11G0026-01[STKP-D-1], B033070-BLK1, B033070-BS1, B033070-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11G0026-01[STKP-D-1]

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:

Benzo(g,h,i)perylene

11G0026-01[STKP-D-1], B033070-BLK1, B033070-BS1, B033070-BSD1

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

Analyte & Samples(s) Qualified:

Pyrene

11G0026-01[STKP-D-1]

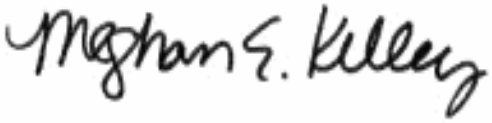
Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

4-Nitrophenol

B033070-BLK1, B033070-BS1, B033070-BSD1

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.



Meghan E. Kelley
Project Chemist

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

Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Acetophenone	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Aniline	ND	0.78	mg/Kg dry	1	L-04	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Anthracene	0.74	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Benzo(a)anthracene	2.6	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Benzo(a)pyrene	2.5	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Benzo(b)fluoranthene	2.4	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Benzo(g,h,i)perylene	1.5	0.39	mg/Kg dry	1	V-04	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Benzo(k)fluoranthene	0.93	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Bis(2-chloroethoxy)methane	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Bis(2-chloroethyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Bis(2-chloroisopropyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
4-Bromophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	L-15, RL-08	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2-Chloronaphthalene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2-Chlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Chrysene	2.7	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Dibenzofuran	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Di-n-butylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
1,2-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
1,3-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
1,4-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1	L-04	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4-Dichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Diethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4-Dimethylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,6-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Fluoranthene	2.9	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Fluorene	0.40	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Hexachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Hexachlorobutadiene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Hexachloroethane	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Indeno(1,2,3-cd)pyrene	1.5	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Isophorone	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

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	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
3/4-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Nitrobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Pentachlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Phenanthrene	2.7	0.39	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Phenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
Pyrene	3.9	0.39	mg/Kg dry	1	V-05	SW-846 8270D	7/5/11	7/8/11 18:40	BGL
1,2,4-Trichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4,5-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL
2,4,6-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	7/5/11	7/8/11 18:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	78.0	30-130		7/8/11 18:40
Phenol-d6	73.7	30-130		7/8/11 18:40
Nitrobenzene-d5	68.8	30-130		7/8/11 18:40
2-Fluorobiphenyl	68.2	30-130		7/8/11 18:40
2,4,6-Tribromophenol	82.4	30-130		7/8/11 18:40
Terphenyl-d14	81.0	30-130		7/8/11 18:40

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

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 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	7/5/11	7/6/11 12:33	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	49.8	30-150		7/6/11 12:33
Decachlorobiphenyl [2]	45.7	30-150		7/6/11 12:33
Tetrachloro-m-xylene [1]	72.2	30-150		7/6/11 12:33
Tetrachloro-m-xylene [2]	70.1	30-150		7/6/11 12:33

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diesel Range Organics	92	19	mg/Kg dry	2	O-11	SW-846 8015C	7/5/11	7/6/11 16:04	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	70.9	40-140				7/6/11 16:04	

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.4	3.0	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Barium	170	3.0	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Cadmium	0.82	0.30	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Chromium	11	0.60	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Lead	250	0.89	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Mercury	0.27	0.028	mg/Kg dry	1		SW-846 7471B	7/5/11	7/5/11 14:54	CWB
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP
Silver	1.3	0.60	mg/Kg dry	1		SW-846 6010C	7/5/11	7/5/11 18:16	OP

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

Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-01

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	3.5	2.0	µmhos/cm	1		SM18-20 2510B	7/7/11	7/7/11 19:41	SBP
% Solids	86.8		% Wt	1		SM 2540G	7/5/11	7/6/11 8:41	PJS

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	mg/Kg dry	1	V-16	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Bromomethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1	V-16	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Chlorodibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Chloroethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0091	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
cis-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
trans-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Diethyl Ether	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Diisopropyl Ether (DIPE)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,4-Dioxane	ND	0.091	mg/Kg dry	1	V-16	SW-846 8260C	7/5/11	7/6/11 8:22	MFF

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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-02

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 8260C	7/5/11	7/6/11 8:22	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Methylene Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Tetrahydrofuran	ND	0.0091	mg/Kg dry	1	V-16	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1	V-05	SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	7/5/11	7/6/11 8:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.2	70-130		7/6/11 8:22
Toluene-d8	106	70-130		7/6/11 8:22
4-Bromofluorobenzene	87.5	70-130		7/6/11 8:22

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

Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0026

Date Received: 7/1/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0026-02

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	86.8		% Wt	1		SM 2540G	7/5/11	7/6/11 8:41	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11G0026-01 [STKP-D-1]	B033075	07/05/11
11G0026-02 [STKP-D-1]	B033075	07/05/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11G0026-01 [STKP-D-1]	B033293	1.00	07/07/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-01 [STKP-D-1]	B033098	0.966	50.0	07/05/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-01 [STKP-D-1]	B033064	0.609	50.0	07/05/11

Prep Method: SW-846 3546-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-01 [STKP-D-1]	B033072	30.2	1.00	07/05/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-01 [STKP-D-1]	B033074	10.1	50.0	07/05/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-02 [STKP-D-1]	B033179	6.30	10.0	07/05/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11G0026-01 [STKP-D-1]	B033070	30.2	2.00	07/05/11

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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 B033179 - SW-846 5035										
Blank (B033179-BLK1)				Prepared & Analyzed: 07/06/11						
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	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	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	0.0040	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							V-05
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							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							V-05
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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	0.0040	mg/Kg wet							

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 B033179 - SW-846 5035											
Blank (B033179-BLK1)				Prepared & Analyzed: 07/06/11							
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	0.0020	mg/Kg wet							V-05	
1,2,4-Trichlorobenzene	ND	0.0020	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							V-05	
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	*0.0467*		mg/Kg wet	0.0500		93.3	70-130				
Surrogate: Toluene-d8	*0.0505*		mg/Kg wet	0.0500		101	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0458*		mg/Kg wet	0.0500		91.5	70-130				
LCS (B033179-BS1)				Prepared & Analyzed: 07/06/11							
Acetone	0.264	0.10	mg/Kg wet	0.200		132	40-160			L-14, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0194	0.0010	mg/Kg wet	0.0200		97.1	70-130				
Benzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
Bromochloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromodichloromethane	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130				
Bromoform	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130				
Bromomethane	0.0151	0.010	mg/Kg wet	0.0200		75.6	40-160				†
2-Butanone (MEK)	0.280	0.040	mg/Kg wet	0.200		140	40-160			L-14, V-16, V-20	†
n-Butylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130				
sec-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0175	0.0010	mg/Kg wet	0.0200		87.4	70-130				
Carbon Disulfide	0.0193	0.0060	mg/Kg wet	0.0200		96.3	70-130				
Carbon Tetrachloride	0.0165	0.0020	mg/Kg wet	0.0200		82.6	70-130				
Chlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Chlorodibromomethane	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130				
Chloroethane	0.0140	0.010	mg/Kg wet	0.0200		70.1	70-130				
Chloroform	0.0190	0.0040	mg/Kg wet	0.0200		95.2	70-130				
Chloromethane	0.0142	0.010	mg/Kg wet	0.0200		70.8	40-160				†
2-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130				
4-Chlorotoluene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0164	0.0040	mg/Kg wet	0.0200		82.0	70-130				
1,2-Dibromoethane (EDB)	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130				
Dibromomethane	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130				
1,2-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130				
1,4-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				

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 B033179 - SW-846 5035												
LCS (B033179-BS1)				Prepared & Analyzed: 07/06/11								
Dichlorodifluoromethane (Freon 12)	0.0102	0.010	mg/Kg wet	0.0200		50.9		40-160			L-14, V-05	†
1,1-Dichloroethane	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130				
1,2-Dichloroethane	0.0169	0.0020	mg/Kg wet	0.0200		84.3		70-130				
1,1-Dichloroethylene	0.0180	0.0040	mg/Kg wet	0.0200		89.9		70-130				
cis-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
trans-1,2-Dichloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichloropropane	0.0202	0.0010	mg/Kg wet	0.0200		101		70-130				
2,2-Dichloropropane	0.0157	0.0020	mg/Kg wet	0.0200		78.3		70-130			V-05	
1,1-Dichloropropene	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130				
cis-1,3-Dichloropropene	0.0176	0.0010	mg/Kg wet	0.0200		88.2		70-130				
trans-1,3-Dichloropropene	0.0181	0.0010	mg/Kg wet	0.0200		90.4		70-130				
Diethyl Ether	0.0203	0.010	mg/Kg wet	0.0200		101		70-130				
Diisopropyl Ether (DIPE)	0.0213	0.0010	mg/Kg wet	0.0200		107		70-130				
1,4-Dioxane	0.208	0.10	mg/Kg wet	0.200		104		40-160			V-16	†
Ethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Hexachlorobutadiene	0.0185	0.0020	mg/Kg wet	0.0200		92.7		70-130			V-05	
2-Hexanone (MBK)	0.224	0.020	mg/Kg wet	0.200		112		40-160				†
Isopropylbenzene (Cumene)	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
p-Isopropyltoluene (p-Cymene)	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0195	0.0040	mg/Kg wet	0.0200		97.3		70-130				
Methylene Chloride	0.0210	0.010	mg/Kg wet	0.0200		105		70-130				
4-Methyl-2-pentanone (MIBK)	0.215	0.020	mg/Kg wet	0.200		108		40-160				†
Naphthalene	0.0195	0.0040	mg/Kg wet	0.0200		97.7		70-130				
n-Propylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Styrene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130				
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		91.8		70-130				
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130				
Tetrachloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
Tetrahydrofuran	0.0241	0.010	mg/Kg wet	0.0200		120		70-130			V-16, V-20	
Toluene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.2		70-130			V-05	
1,2,4-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.1		70-130			V-05	
1,1,1-Trichloroethane	0.0164	0.0020	mg/Kg wet	0.0200		81.9		70-130				
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.5		70-130				
Trichlorofluoromethane (Freon 11)	0.0134	0.010	mg/Kg wet	0.0200		**66.9**	*	70-130			V-05, L-07	
1,2,3-Trichloropropane	0.0170	0.0020	mg/Kg wet	0.0200		85.1		70-130				
1,2,4-Trimethylbenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6		70-130				
1,3,5-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5		70-130				
Vinyl Chloride	0.0169	0.010	mg/Kg wet	0.0200		84.3		70-130				
m+p Xylene	0.0428	0.0040	mg/Kg wet	0.0400		107		70-130				
o-Xylene	0.0213	0.0020	mg/Kg wet	0.0200		107		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0461*		mg/Kg wet	0.0500		92.2		70-130				
Surrogate: Toluene-d8	*0.0512*		mg/Kg wet	0.0500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0463*		mg/Kg wet	0.0500		92.6		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 B033179 - SW-846 5035											
LCS Dup (B033179-BSD1)				Prepared & Analyzed: 07/06/11							
Acetone	0.274	0.10	mg/Kg wet	0.200		137	40-160	3.74	20	L-14, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0205	0.0010	mg/Kg wet	0.0200		102	70-130	5.41	20		
Benzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	6.93	20		
Bromobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130	1.12	20		
Bromochloromethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	4.55	20		
Bromodichloromethane	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	6.25	20		
Bromoform	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	12.1	20		
Bromomethane	0.0166	0.010	mg/Kg wet	0.0200		82.9	40-160	9.21	20		†
2-Butanone (MEK)	0.284	0.040	mg/Kg wet	0.200		142	40-160	1.28	20	L-14, V-16, V-20	†
n-Butylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	1.71	20		
sec-Butylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	4.34	20		
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	2.58	20		
tert-Butyl Ethyl Ether (TBEE)	0.0181	0.0010	mg/Kg wet	0.0200		90.5	70-130	3.49	20		
Carbon Disulfide	0.0215	0.0060	mg/Kg wet	0.0200		107	70-130	10.8	20		
Carbon Tetrachloride	0.0175	0.0020	mg/Kg wet	0.0200		87.6	70-130	5.88	20		
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	4.70	20		
Chlorodibromomethane	0.0179	0.0020	mg/Kg wet	0.0200		89.4	70-130	4.69	20		
Chloroethane	0.0149	0.010	mg/Kg wet	0.0200		74.5	70-130	6.09	20		
Chloroform	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130	5.12	20		
Chloromethane	0.0151	0.010	mg/Kg wet	0.0200		75.5	40-160	6.43	20		†
2-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130	0.417	20		
4-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	1.33	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0171	0.0040	mg/Kg wet	0.0200		85.7	70-130	4.41	20		
1,2-Dibromoethane (EDB)	0.0213	0.0010	mg/Kg wet	0.0200		107	70-130	3.53	20		
Dibromomethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	9.30	20		
1,2-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	3.00	20		
1,3-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	4.43	20		
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.00	20		
Dichlorodifluoromethane (Freon 12)	0.0108	0.010	mg/Kg wet	0.0200		54.0	40-160	5.91	20	L-14, V-05	†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	7.06	20		
1,2-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130	7.53	20		
1,1-Dichloroethylene	0.0196	0.0040	mg/Kg wet	0.0200		97.9	70-130	8.52	20		
cis-1,2-Dichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	4.28	20		
trans-1,2-Dichloroethylene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	3.55	20		
1,2-Dichloropropane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	6.00	20		
1,3-Dichloropropane	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130	3.12	20		
2,2-Dichloropropane	0.0162	0.0020	mg/Kg wet	0.0200		81.2	70-130	3.64	20	V-05	
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	5.83	20		
cis-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		91.8	70-130	4.00	20		
trans-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130	4.12	20		
Diethyl Ether	0.0220	0.010	mg/Kg wet	0.0200		110	70-130	7.95	20		
Diisopropyl Ether (DIPE)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130	3.32	20		
1,4-Dioxane	0.217	0.10	mg/Kg wet	0.200		109	40-160	4.42	20	V-16	†
Ethylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	3.82	20		
Hexachlorobutadiene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	3.18	20	V-05	
2-Hexanone (MBK)	0.236	0.020	mg/Kg wet	0.200		118	40-160	5.46	20		†
Isopropylbenzene (Cumene)	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	1.34	20		
p-Isopropyltoluene (p-Cymene)	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	5.49	20		
Methyl tert-Butyl Ether (MTBE)	0.0199	0.0040	mg/Kg wet	0.0200		99.6	70-130	2.34	20		
Methylene Chloride	0.0220	0.010	mg/Kg wet	0.0200		110	70-130	4.66	20		
4-Methyl-2-pentanone (MIBK)	0.219	0.020	mg/Kg wet	0.200		110	40-160	1.74	20		†
Naphthalene	0.0193	0.0040	mg/Kg wet	0.0200		96.7	70-130	1.03	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 B033179 - SW-846 5035										
LCS Dup (B033179-BSD1)				Prepared & Analyzed: 07/06/11						
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	1.08	20	
Styrene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.56	20	
1,1,1,2-Tetrachloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130	2.90	20	
1,1,2,2-Tetrachloroethane	0.0224	0.0010	mg/Kg wet	0.0200		112	70-130	2.90	20	
Tetrachloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	7.72	20	
Tetrahydrofuran	0.0251	0.010	mg/Kg wet	0.0200		126	70-130	4.15	20	V-16, V-20
Toluene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	2.87	20	
1,2,3-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.5	70-130	0.835	20	V-05
1,2,4-Trichlorobenzene	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130	3.39	20	V-05
1,1,1-Trichloroethane	0.0172	0.0020	mg/Kg wet	0.0200		86.1	70-130	5.00	20	
1,1,2-Trichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	3.14	20	
Trichloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.39	20	
Trichlorofluoromethane (Freon 11)	0.0147	0.010	mg/Kg wet	0.0200		73.4	70-130	9.27	20	V-05
1,2,3-Trichloropropane	0.0168	0.0020	mg/Kg wet	0.0200		84.2	70-130	1.06	20	
1,2,4-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	4.08	20	
1,3,5-Trimethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	0.519	20	
Vinyl Chloride	0.0173	0.010	mg/Kg wet	0.0200		86.7	70-130	2.81	20	
m+p Xylene	0.0441	0.0040	mg/Kg wet	0.0400		110	70-130	3.13	20	
o-Xylene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	1.13	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0452*		mg/Kg wet	0.0500		90.4	70-130			
Surrogate: Toluene-d8	*0.0506*		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0447*		mg/Kg wet	0.0500		89.3	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 B033070 - SW-846 3546										
Blank (B033070-BLK1)				Prepared: 07/05/11 Analyzed: 07/06/11						
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							L-04
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							V-04
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							L-15
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							L-04
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							V-06
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 B033070 - SW-846 3546												
Blank (B033070-BLK1)				Prepared: 07/05/11 Analyzed: 07/06/11								
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	*4.67*		mg/Kg wet	6.67		70.1		30-130				
Surrogate: Phenol-d6	*4.23*		mg/Kg wet	6.67		63.4		30-130				
Surrogate: Nitrobenzene-d5	*1.99*		mg/Kg wet	3.33		59.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.06*		mg/Kg wet	3.33		61.7		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.55*		mg/Kg wet	6.67		68.3		30-130				
Surrogate: Terphenyl-d14	*1.72*		mg/Kg wet	3.33		51.6		30-130				
LCS (B033070-BS1)				Prepared: 07/05/11 Analyzed: 07/06/11								
Acenaphthene	0.853	0.17	mg/Kg wet	1.67		51.2		40-140				
Acenaphthylene	0.843	0.17	mg/Kg wet	1.67		50.6		40-140				
Acetophenone	1.05	0.34	mg/Kg wet	1.67		62.8		40-140				
Aniline	0.492	0.34	mg/Kg wet	1.67		**29.5**	*	40-140			L-04	
Anthracene	0.897	0.17	mg/Kg wet	1.67		53.8		40-140				
Benzo(a)anthracene	0.903	0.17	mg/Kg wet	1.67		54.2		40-140				
Benzo(a)pyrene	0.886	0.17	mg/Kg wet	1.67		53.2		40-140				
Benzo(b)fluoranthene	0.906	0.17	mg/Kg wet	1.67		54.3		40-140				
Benzo(g,h,i)perylene	0.916	0.17	mg/Kg wet	1.67		55.0		40-140			V-04	
Benzo(k)fluoranthene	0.877	0.17	mg/Kg wet	1.67		52.6		40-140				
Bis(2-chloroethoxy)methane	1.01	0.34	mg/Kg wet	1.67		60.7		40-140				
Bis(2-chloroethyl)ether	0.897	0.34	mg/Kg wet	1.67		53.8		40-140				
Bis(2-chloroisopropyl)ether	0.969	0.34	mg/Kg wet	1.67		58.1		40-140				
Bis(2-Ethylhexyl)phthalate	1.07	0.34	mg/Kg wet	1.67		64.3		40-140				
4-Bromophenylphenylether	1.02	0.34	mg/Kg wet	1.67		61.1		40-140				
Butylbenzylphthalate	1.02	0.66	mg/Kg wet	1.67		61.0		40-140				
4-Chloroaniline	0.621	0.66	mg/Kg wet	1.67		37.3		15-140			L-15	†
2-Chloronaphthalene	0.831	0.34	mg/Kg wet	1.67		49.9		40-140				
2-Chlorophenol	0.932	0.34	mg/Kg wet	1.67		55.9		30-130				
Chrysene	0.895	0.17	mg/Kg wet	1.67		53.7		40-140				
Dibenz(a,h)anthracene	0.908	0.17	mg/Kg wet	1.67		54.5		40-140				
Dibenzofuran	0.962	0.34	mg/Kg wet	1.67		57.7		40-140				
Di-n-butylphthalate	1.00	0.34	mg/Kg wet	1.67		60.2		40-140				
1,2-Dichlorobenzene	0.903	0.34	mg/Kg wet	1.67		54.2		40-140				
1,3-Dichlorobenzene	0.951	0.34	mg/Kg wet	1.67		57.0		40-140				
1,4-Dichlorobenzene	0.942	0.34	mg/Kg wet	1.67		56.5		40-140				
3,3-Dichlorobenzidine	0.633	0.17	mg/Kg wet	1.67		**38.0**	*	40-140			L-04	
2,4-Dichlorophenol	0.954	0.34	mg/Kg wet	1.67		57.2		30-130				
Diethylphthalate	0.975	0.34	mg/Kg wet	1.67		58.5		40-140				
2,4-Dimethylphenol	0.961	0.34	mg/Kg wet	1.67		57.7		30-130				
Dimethylphthalate	0.938	0.66	mg/Kg wet	1.67		56.3		40-140				
2,4-Dinitrophenol	0.754	0.66	mg/Kg wet	1.67		45.2		15-140				†
2,4-Dinitrotoluene	0.987	0.34	mg/Kg wet	1.67		59.2		40-140				
2,6-Dinitrotoluene	0.989	0.34	mg/Kg wet	1.67		59.4		40-140				
Di-n-octylphthalate	1.06	0.66	mg/Kg wet	1.67		63.8		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.06	0.34	mg/Kg wet	1.67		63.5		40-140				
Fluoranthene	0.997	0.17	mg/Kg wet	1.67		59.8		40-140				
Fluorene	0.924	0.17	mg/Kg wet	1.67		55.4		40-140				
Hexachlorobenzene	1.02	0.34	mg/Kg wet	1.67		61.0		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 B033070 - SW-846 3546												
LCS (B033070-BS1)				Prepared: 07/05/11 Analyzed: 07/06/11								
Hexachlorobutadiene	0.951	0.34	mg/Kg wet	1.67		57.0		40-140				
Hexachloroethane	0.990	0.34	mg/Kg wet	1.67		59.4		40-140				
Indeno(1,2,3-cd)pyrene	0.902	0.17	mg/Kg wet	1.67		54.1		40-140				
Isophorone	0.980	0.34	mg/Kg wet	1.67		58.8		40-140				
2-Methylnaphthalene	0.910	0.17	mg/Kg wet	1.67		54.6		40-140				
2-Methylphenol	0.948	0.34	mg/Kg wet	1.67		56.9		30-130				
3/4-Methylphenol	0.833	0.34	mg/Kg wet	1.67		50.0		30-130				
Naphthalene	0.823	0.17	mg/Kg wet	1.67		49.4		40-140				
Nitrobenzene	0.936	0.34	mg/Kg wet	1.67		56.2		40-140				
2-Nitrophenol	0.895	0.34	mg/Kg wet	1.67		53.7		30-130				
4-Nitrophenol	1.26	0.66	mg/Kg wet	1.67		75.4		15-140			V-06	†
Pentachlorophenol	0.961	0.34	mg/Kg wet	1.67		57.7		30-130				
Phenanthrene	0.893	0.17	mg/Kg wet	1.67		53.6		40-140				
Phenol	0.872	0.34	mg/Kg wet	1.67		52.3		15-140				†
Pyrene	0.887	0.17	mg/Kg wet	1.67		53.2		40-140				
1,2,4-Trichlorobenzene	0.938	0.34	mg/Kg wet	1.67		56.3		40-140				
2,4,5-Trichlorophenol	1.04	0.34	mg/Kg wet	1.67		62.2		30-130				
2,4,6-Trichlorophenol	0.951	0.34	mg/Kg wet	1.67		57.1		30-130				
Surrogate: 2-Fluorophenol	*4.16*		mg/Kg wet	6.67		62.4		30-130				
Surrogate: Phenol-d6	*3.81*		mg/Kg wet	6.67		57.1		30-130				
Surrogate: Nitrobenzene-d5	*1.97*		mg/Kg wet	3.33		59.2		30-130				
Surrogate: 2-Fluorobiphenyl	*1.93*		mg/Kg wet	3.33		58.0		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.62*		mg/Kg wet	6.67		69.3		30-130				
Surrogate: Terphenyl-d14	*2.15*		mg/Kg wet	3.33		64.5		30-130				
LCS Dup (B033070-BSD1)				Prepared: 07/05/11 Analyzed: 07/06/11								
Acenaphthene	0.784	0.17	mg/Kg wet	1.67		47.1		40-140	8.35	30		
Acenaphthylene	0.771	0.17	mg/Kg wet	1.67		46.2		40-140	8.97	30		
Acetophenone	0.933	0.34	mg/Kg wet	1.67		56.0		40-140	11.5	30		
Aniline	0.455	0.34	mg/Kg wet	1.67		**27.3**	*	40-140	7.81	30	L-04	
Anthracene	0.833	0.17	mg/Kg wet	1.67		50.0		40-140	7.40	30		
Benzo(a)anthracene	0.834	0.17	mg/Kg wet	1.67		50.0		40-140	7.98	30		
Benzo(a)pyrene	0.811	0.17	mg/Kg wet	1.67		48.7		40-140	8.88	30		
Benzo(b)fluoranthene	0.822	0.17	mg/Kg wet	1.67		49.3		40-140	9.73	30		
Benzo(g,h,i)perylene	0.931	0.17	mg/Kg wet	1.67		55.8		40-140	1.59	30	V-04	
Benzo(k)fluoranthene	0.793	0.17	mg/Kg wet	1.67		47.6		40-140	10.1	30		
Bis(2-chloroethoxy)methane	0.911	0.34	mg/Kg wet	1.67		54.7		40-140	10.5	30		
Bis(2-chloroethyl)ether	0.806	0.34	mg/Kg wet	1.67		48.4		40-140	10.7	30		
Bis(2-chloroisopropyl)ether	0.857	0.34	mg/Kg wet	1.67		51.4		40-140	12.3	30		
Bis(2-Ethylhexyl)phthalate	1.08	0.34	mg/Kg wet	1.67		65.1		40-140	1.21	30		
4-Bromophenylphenylether	0.881	0.34	mg/Kg wet	1.67		52.9		40-140	14.5	30		
Butylbenzylphthalate	1.04	0.66	mg/Kg wet	1.67		62.4		40-140	2.33	30		
4-Chloroaniline	0.550	0.66	mg/Kg wet	1.67		33.0		15-140	12.1	30	L-15	†
2-Chloronaphthalene	0.774	0.34	mg/Kg wet	1.67		46.5		40-140	7.06	30		
2-Chlorophenol	0.831	0.34	mg/Kg wet	1.67		49.9		30-130	11.4	30		
Chrysene	0.814	0.17	mg/Kg wet	1.67		48.8		40-140	9.56	30		
Dibenz(a,h)anthracene	0.929	0.17	mg/Kg wet	1.67		55.7		40-140	2.29	30		
Dibenzofuran	0.890	0.34	mg/Kg wet	1.67		53.4		40-140	7.70	30		
Di-n-butylphthalate	0.994	0.34	mg/Kg wet	1.67		59.6		40-140	1.00	30		
1,2-Dichlorobenzene	0.825	0.34	mg/Kg wet	1.67		49.5		40-140	8.99	30		
1,3-Dichlorobenzene	0.864	0.34	mg/Kg wet	1.67		51.8		40-140	9.55	30		
1,4-Dichlorobenzene	0.862	0.34	mg/Kg wet	1.67		51.7		40-140	8.83	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 B033070 - SW-846 3546												
LCS Dup (B033070-BSD1)				Prepared: 07/05/11 Analyzed: 07/06/11								
3,3-Dichlorobenzidine	0.554	0.17	mg/Kg wet	1.67		**33.2**	*	40-140	13.4	30	L-04	
2,4-Dichlorophenol	0.863	0.34	mg/Kg wet	1.67		51.8		30-130	10.0	30		
Diethylphthalate	0.924	0.34	mg/Kg wet	1.67		55.4		40-140	5.41	30		
2,4-Dimethylphenol	0.863	0.34	mg/Kg wet	1.67		51.8		30-130	10.8	30		
Dimethylphthalate	0.877	0.66	mg/Kg wet	1.67		52.6		40-140	6.72	30		
2,4-Dinitrophenol	0.752	0.66	mg/Kg wet	1.67		45.1		15-140	0.266	30		†
2,4-Dinitrotoluene	0.952	0.34	mg/Kg wet	1.67		57.1		40-140	3.58	30		
2,6-Dinitrotoluene	0.927	0.34	mg/Kg wet	1.67		55.6		40-140	6.54	30		
Di-n-octylphthalate	1.00	0.66	mg/Kg wet	1.67		60.1		40-140	5.97	30		
1,2-Diphenylhydrazine (as Azobenzene)	0.909	0.34	mg/Kg wet	1.67		54.6		40-140	15.2	30		
Fluoranthene	0.936	0.17	mg/Kg wet	1.67		56.2		40-140	6.28	30		
Fluorene	0.845	0.17	mg/Kg wet	1.67		50.7		40-140	8.93	30		
Hexachlorobenzene	0.897	0.34	mg/Kg wet	1.67		53.8		40-140	12.6	30		
Hexachlorobutadiene	0.873	0.34	mg/Kg wet	1.67		52.4		40-140	8.52	30		
Hexachloroethane	0.900	0.34	mg/Kg wet	1.67		54.0		40-140	9.49	30		
Indeno(1,2,3-cd)pyrene	0.906	0.17	mg/Kg wet	1.67		54.3		40-140	0.406	30		
Isophorone	0.892	0.34	mg/Kg wet	1.67		53.5		40-140	9.41	30		
2-Methylnaphthalene	0.823	0.17	mg/Kg wet	1.67		49.4		40-140	10.1	30		
2-Methylphenol	0.865	0.34	mg/Kg wet	1.67		51.9		30-130	9.16	30		
3/4-Methylphenol	0.713	0.34	mg/Kg wet	1.67		42.8		30-130	15.6	30		
Naphthalene	0.758	0.17	mg/Kg wet	1.67		45.5		40-140	8.22	30		
Nitrobenzene	0.849	0.34	mg/Kg wet	1.67		51.0		40-140	9.71	30		
2-Nitrophenol	0.862	0.34	mg/Kg wet	1.67		51.7		30-130	3.72	30		
4-Nitrophenol	1.25	0.66	mg/Kg wet	1.67		74.8		15-140	0.772	30	V-06	†
Pentachlorophenol	0.941	0.34	mg/Kg wet	1.67		56.5		30-130	2.10	30		
Phenanthrene	0.818	0.17	mg/Kg wet	1.67		49.1		40-140	8.77	30		
Phenol	0.784	0.34	mg/Kg wet	1.67		47.0		15-140	10.6	30		†
Pyrene	0.898	0.17	mg/Kg wet	1.67		53.9		40-140	1.27	30		
1,2,4-Trichlorobenzene	0.851	0.34	mg/Kg wet	1.67		51.1		40-140	9.69	30		
2,4,5-Trichlorophenol	0.949	0.34	mg/Kg wet	1.67		57.0		30-130	8.76	30		
2,4,6-Trichlorophenol	0.872	0.34	mg/Kg wet	1.67		52.3		30-130	8.74	30		
Surrogate: 2-Fluorophenol	*3.63*		mg/Kg wet	6.67		54.5		30-130				
Surrogate: Phenol-d6	*3.37*		mg/Kg wet	6.67		50.5		30-130				
Surrogate: Nitrobenzene-d5	*1.73*		mg/Kg wet	3.33		51.9		30-130				
Surrogate: 2-Fluorobiphenyl	*1.73*		mg/Kg wet	3.33		51.9		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.38*		mg/Kg wet	6.67		65.7		30-130				
Surrogate: Terphenyl-d14	*2.19*		mg/Kg wet	3.33		65.8		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 B033074 - SW-846 3546										
Blank (B033074-BLK1)				Prepared: 07/05/11 Analyzed: 07/06/11						
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	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.207*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
LCS (B033074-BS1)				Prepared: 07/05/11 Analyzed: 07/06/11						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		95.6	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.8	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.2	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		88.5	40-140			
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.188*		mg/Kg wet	0.200		94.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg wet	0.200		91.6	30-150			
LCS Dup (B033074-BSD1)				Prepared: 07/05/11 Analyzed: 07/06/11						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		96.5	40-140	0.934	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		97.0	40-140	1.23	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.8	40-140	1.62	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		91.2	40-140	2.94	30	
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg wet	0.200		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.191*		mg/Kg wet	0.200		95.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg wet	0.200		92.3	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 B033072 - SW-846 3546										
Blank (B033072-BLK1)				Prepared: 07/05/11 Analyzed: 07/06/11						
Diesel Range Organics	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.72*		mg/Kg wet	3.33		81.6	40-140			
LCS (B033072-BS1)				Prepared: 07/05/11 Analyzed: 07/06/11						
Diesel Range Organics	29.6	8.3	mg/Kg wet	33.3		88.9	40-140			
Surrogate: o-Terphenyl	*2.36*		mg/Kg wet	3.33		70.9	40-140			
LCS Dup (B033072-BSD1)				Prepared: 07/05/11 Analyzed: 07/06/11						
Diesel Range Organics	25.6	8.3	mg/Kg wet	33.3		76.7	40-140	14.7		
Surrogate: o-Terphenyl	*2.49*		mg/Kg wet	3.33		74.7	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 B033064 - SW-846 7471										
Blank (B033064-BLK1)				Prepared & Analyzed: 07/05/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B033064-BS1)				Prepared & Analyzed: 07/05/11						
Mercury	1.38	0.095	mg/Kg wet	1.25		111	66-132			
LCS Dup (B033064-BSD1)				Prepared & Analyzed: 07/05/11						
Mercury	1.35	0.094	mg/Kg wet	1.25		108	66-132	2.15	30	
Batch B033098 - SW-846 3050B										
Blank (B033098-BLK1)				Prepared & Analyzed: 07/05/11						
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 (B033098-BS1)				Prepared & Analyzed: 07/05/11						
Arsenic	91.3	5.0	mg/Kg wet	92.6		98.6	83.2-117.4			
Barium	169	5.0	mg/Kg wet	169		100	83.1-116.9			
Cadmium	62.0	0.50	mg/Kg wet	61.8		100	80.7-119.1			
Chromium	70.1	1.0	mg/Kg wet	71.3		98.3	80.6-119.9			
Lead	86.1	1.5	mg/Kg wet	92.4		93.2	78.9-121.1			
Selenium	88.4	10	mg/Kg wet	89.5		98.8	79.2-120.3			
Silver	33.5	1.0	mg/Kg wet	34.4		97.5	66.3-133.7			
LCS (B033098-BS2)				Prepared & Analyzed: 07/05/11						
Lead	0.753	0.74	mg/Kg wet	0.740		102	80-120			
LCS Dup (B033098-BSD1)				Prepared & Analyzed: 07/05/11						
Arsenic	93.2	5.0	mg/Kg wet	92.6		101	83.2-117.4	2.06	30	
Barium	172	5.0	mg/Kg wet	169		102	83.1-116.9	1.48	30	
Cadmium	62.1	0.50	mg/Kg wet	61.8		100	80.7-119.1	0.118	30	
Chromium	70.0	1.0	mg/Kg wet	71.3		98.2	80.6-119.9	0.00949	30	
Lead	89.1	1.5	mg/Kg wet	92.4		96.4	78.9-121.1	3.37	30	
Selenium	91.9	10	mg/Kg wet	89.5		103	79.2-120.3	3.84	30	
Silver	33.4	1.0	mg/Kg wet	34.4		97.2	66.3-133.7	0.338	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 B033293 - SM18-20 2510B										
Blank (B033293-BLK1)				Prepared & Analyzed: 07/07/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B033293-BS1)				Prepared & Analyzed: 07/07/11						
Specific conductance	120	2.0	µmhos/cm	147		79.9	78.2-106			

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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-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.
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.
O-11	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
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. Increased 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. Increased 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 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8015C in Soil	
Diesel Range Organics	NY,NH
o-Terphenyl	NY,NH
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC

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CERTIFICATIONS

Certified Analyses included in this Report

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,2,4-Trichlorobenzene	NH,NY,NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME
1,1,2-Trichloroethane	CT,NH,NY,NC,ME
Trichloroethylene	CT,NH,NY,NC,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME
1,2,3-Trichloropropane	NH,NY,NC,ME
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME
SW-846 8270D 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 8270D 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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

Page 1 of 1

11G0026

Company Name: TRC
Address: 650 Suffolk St. Lowell, MA. 01854
Attention: Dave Sullivan
Project Location: NBHS (RAM Disposal)
Sampled By: Zack Richards

Telephone: 978-970-5600
Project # 115058
Client PO# 34770

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

Project Proposal Provided? (for billing purposes)
☒ yes 2007 proposal date

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	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: RCRA 8 Metals (As, Cd, Cr, Pb, Hg)	SVOCs	VOCs	PCBs	TPH (DRO)	Conductivity	TCLP Metals
								4		3							
								I	I	M/O	I	I	I	I			
								A	A	✓	A	A	A	A			
-1	STKP-D-1	6/30/11	1050	X		S	U				X	X	~~X~~ 28	X	X	X	H
-2	STKP-D-1	6/30/11	1050		X	S	U						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 H2O

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

Comments: H=HOLD 07-01-11 17:46 OUT

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:
Received by: (signature)	Date/Time: 12/0
Relinquished by: (signature)	Date/Time: 1730
Received by: (signature)	Date/Time: 7/1/11 1732

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

Detection Limit Requirements
Massachusetts: Per Quote
Connecticut:
Other:

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
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F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist

CLIENT NAME: TRC **RECEIVED BY:** Qn **DATE:** 7/1/11

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

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 3.9°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	3	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 1

Bisulfate _____ # DI Water 2

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 #: 11G0026
Project Location: NBHS (Ram Disposal)	RTN:

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

11G0026-01 thru 11G0026-02

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]
	<u>Data User Note:</u> 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: 07/11/11

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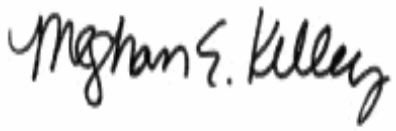
July 19, 2011

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

Project Location: NBHS (Ram Disposal)
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11G0298

Enclosed are results of analyses for samples received by the laboratory on July 12, 2011. 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: 7/19/2011

PURCHASE ORDER NUMBER: 34770

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11G0298

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

PROJECT LOCATION: NBHS (Ram Disposal)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D-1	11G0298-01	Soil		SW-846 1311 SW-846 6010C	

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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 lead was requested and reported.

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

con-test® ANALYTICAL LABORATORY
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Project Location: NBHS (Ram Disposal) Sample Description: Work Order: 11G0298

Date Received: 7/12/2011

Field Sample #: STKP-D-1 Sampled: 6/30/2011 10:50

Sample ID: 11G0298-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.4	0.010	mg/L	1		SW-846 6010C	7/15/11	7/15/11 16:48	KSH

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 7/14/2011 per SW-846 1311 in Batch B033648**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11G0298-01 [STKP-D-1]	B033738	50.0	50.0	07/15/11

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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 B033738 - SW-846 3010A										
Blank (B033738-BLK1)				Prepared & Analyzed: 07/15/11						
Lead	ND	0.010	mg/L							
LCS (B033738-BS1)				Prepared & Analyzed: 07/15/11						
Lead	0.503	0.010	mg/L	0.500		101	80-120			
LCS Dup (B033738-BSD1)				Prepared & Analyzed: 07/15/11						
Lead	0.511	0.010	mg/L	0.500		102	80-120	1.63	20	

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

~~11G0026~~ (MK) 1160298

Company Name: TRC
Address: 650 Suffolk St.
Lowell, MA. 01854
Attention: Dave Sullivan
Project Location: NBHS (RAM Disposal)
Sampled By: Zack Richards
Project Proposal Provided? (for billing purposes) ☒ yes 2007 proposal date

Telephone: 978-970-5600
Project #: 115058
Client PO#: 34770
DATA DELIVERY (check all that apply): O FAX ☒ EMAIL O WEBSITE
Fax #:
Email: dsullivan@trcsolutions.com
Format: ☒ PDF O EXCEL ☒ GIS O OTHER O "Enhanced Data Package"

	RCRA-5 Metals (As, Cd, Cr, Pb, Hg)	SVOCs	VOCs	PCBs	TPH (DRO)	Conductivity	TCLP Metals (Pb only)
# of Containers	4		3				
** Preservation	I	I	M/O	I	I	I	I
*** Container Code	A	A	V	A	A	A	A

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	RCRA-5 Metals	SVOCs	VOCs	PCBs	TPH (DRO)	Conductivity	TCLP Metals (Pb only)
-01 (H)	STKP-D-1	6/30/11	1050	X		S	U	X	X	X (H)	X	X	X	X
-02 (H)	STKP-D-1	6/30/11	1050		X	S	u			X				

(*) Activate sample STKP-D-1 for TCLP Pb on a 5 day TAT per attached email. MK 7/13/11

Comments: H=HOLD 07-[illegible] [illegible]:45 OUT

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

Dissolved Metals
O Field Filtered
O 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 H2O

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

Signature	Date/Time
Relinquished by: (signature) [signature]	7/1/11 1207
Received by: (signature) [signature]	7/1/11 1210
Relinquished by: (signature) [signature]	7/1/11 1730
Received by: (signature) [signature] 3.9°	7/1/11 1730

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

Detection Limit Requirements
Massachusetts: Per Quote
Connecticut:
Other:

Is your project MCP or RCP ?
☒ MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID #

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Tuesday, July 12, 2011 1:36 PM
To: Meghan Kelley
Subject: Hold Authorization
Attachments: TRC chain-of-custody.pdf

Meghan,

Please proceed with the TCLP lead analysis only for sample STKP-D-1 as indicated in the attached chain-of-custody. Standard 5-day turnaround should be fine.

Please let me know if you have any questions.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11G0298
Project Location: NBHS (Ram Disposal)	RTN:

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

11G0298-01

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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 Director

Printed Name: Michael A. Erickson Date: 07/19/11

Stockpile D2

con-test® ANALYTICAL LABORATORY
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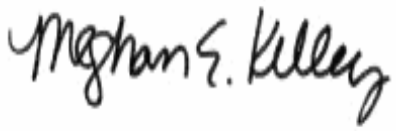
October 6, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 11I0944

Enclosed are results of analyses for samples received by the laboratory on September 27, 2011. 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: 10/6/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I0944

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-1	11I0944-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D2-2	11I0944-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/6/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I0944

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-3	11I0944-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D2-4	11I0944-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

11I0944-01[STKP D2-1], 11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3], 11I0944-04[STKP D2-4]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B038263-MS1, B038263-MSD1

SW-846 8260C

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:

Isopropylbenzene (Cumene)

B038107-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:

Dichlorodifluoromethane (Freon 12)

B038107-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, Chloromethane, Dichlorodifluoromethane (Freon 12)

11I0944-01[STKP D2-1], 11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3], 11I0944-04[STKP D2-4], B038107-BLK1, B038107-BS1, B038107-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

11I0944-01[STKP D2-1], 11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3], 11I0944-04[STKP D2-4], B038107-BLK1, B038107-BS1, B038107-BSD1

SW-846 8270D

Qualifications:

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:

2,4-Dinitrophenol

B038222-BS1

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:

2,4-Dinitrophenol

11I0944-01[STKP D2-1], 11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3], 11I0944-04[STKP D2-4], B038222-BLK1, B038222-BS1, B038222-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

11I0944-01[STKP D2-1], 11I0944-04[STKP D2-4]

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

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether

11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3]

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

Analyte & Samples(s) Qualified:

Pyrene

11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3]

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, 4-Nitrophenol

11I0944-01[STKP D2-1], 11I0944-04[STKP D2-4]

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11I0944-01[STKP D2-1], 11I0944-02[STKP D2-2], 11I0944-03[STKP D2-3], 11I0944-04[STKP D2-4], B038152-DUP1

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SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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 | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Bromomethane	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
n-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Carbon Disulfide	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Chlorodibromomethane	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Chloroethane	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Chloromethane	ND	0.0060	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 7:42	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2-Dibromoethane (EDB)	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0060	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,3-Dichloropropane	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
cis-1,3-Dichloropropene	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
trans-1,3-Dichloropropene	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Diethyl Ether	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Diisopropyl Ether (DIPE)	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,4-Dioxane	ND	0.060	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/28/11	9/28/11 7:42	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Methylene Chloride	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Naphthalene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.00060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Tetrahydrofuran	ND	0.0060	mg/Kg dry	1	V-16	SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
Vinyl Chloride	ND	0.0060	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 7:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	117	70-130		9/28/11 7:42
Toluene-d8	93.5	70-130		9/28/11 7:42
4-Bromofluorobenzene	80.4	70-130		9/28/11 7:42

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.8	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Acenaphthylene	ND	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Acetophenone	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Aniline	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Anthracene	3.6	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Benzo(a)anthracene	7.2	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Benzo(a)pyrene	6.6	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Benzo(b)fluoranthene	9.0	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Benzo(g,h,i)perylene	2.5	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Benzo(k)fluoranthene	3.4	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Bis(2-chloroethoxy)methane	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Bis(2-chloroethyl)ether	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Bis(2-chloroisopropyl)ether	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
4-Bromophenylphenylether	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Butylbenzylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
4-Chloroaniline	ND	3.1	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2-Chloronaphthalene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2-Chlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Chrysene	7.8	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Dibenz(a,h)anthracene	0.81	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Dibenzofuran	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Di-n-butylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
1,2-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
1,3-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
1,4-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
3,3-Dichlorobenzidine	ND	0.81	mg/Kg dry	2	V-20	SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4-Dichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Diethylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4-Dimethylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Dimethylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4-Dinitrophenol	ND	3.1	mg/Kg dry	2	R-05	SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4-Dinitrotoluene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,6-Dinitrotoluene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Di-n-octylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Fluoranthene	17	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Fluorene	1.7	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Hexachlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Hexachlorobutadiene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Hexachloroethane	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Indeno(1,2,3-cd)pyrene	2.7	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Isophorone	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	1.0	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2-Methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
3/4-Methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Naphthalene	1.4	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Nitrobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
4-Nitrophenol	ND	3.1	mg/Kg dry	2	V-20	SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Pentachlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Phenanthrene	24	1.6	mg/Kg dry	4		SW-846 8270D	9/29/11	10/5/11 19:45	BGL
Phenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
Pyrene	11	0.81	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
1,2,4-Trichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4,5-Trichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL
2,4,6-Trichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 23:43	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	92.4	30-130		10/4/11 23:43
Phenol-d6	92.1	30-130		10/4/11 23:43
Nitrobenzene-d5	84.0	30-130		10/4/11 23:43
2-Fluorobiphenyl	80.6	30-130		10/4/11 23:43
2,4,6-Tribromophenol	63.1	30-130		10/4/11 23:43
Terphenyl-d14	45.0	30-130		10/4/11 23:43

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
alpha-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
beta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
delta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
gamma-BHC (Lindane) [1]	ND	0.048	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Chlordane [1]	ND	0.48	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
4,4'-DDD [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
4,4'-DDE [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
4,4'-DDT [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Dieldrin [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Endosulfan I [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Endosulfan II [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Endosulfan sulfate [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Endrin [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Endrin ketone [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Heptachlor [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Heptachlor epoxide [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Hexachlorobenzene [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB
Methoxychlor [1]	ND	1.2	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.9	30-150		10/5/11 16:37
Decachlorobiphenyl [2]	105	30-150		10/5/11 16:37
Tetrachloro-m-xylene [1]	68.8	30-150		10/5/11 16:37
Tetrachloro-m-xylene [2]	69.4	30-150		10/5/11 16:37

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

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	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1248 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1254 [1]	4.8	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1260 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 7:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.9	30-150		10/4/11 7:57
Decachlorobiphenyl [2]	92.9	30-150		10/4/11 7:57
Tetrachloro-m-xylene [1]	85.0	30-150		10/4/11 7:57
Tetrachloro-m-xylene [2]	85.3	30-150		10/4/11 7:57

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

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	860	200	mg/Kg dry	10		SW-846 8100 Modified	9/30/11	10/4/11 12:42	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	55.6	40-140					10/4/11 12:42

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.3	2.9	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Barium	420	2.9	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Cadmium	2.5	0.29	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Chromium	34	0.57	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Lead	900	0.86	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Mercury	0.60	0.058	mg/Kg dry	2		SW-846 7471B	9/29/11	9/30/11 11:13	AMR
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP
Silver	1.1	0.57	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:43	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/28/11	9/28/11 11:55	VAK
pH @23.6°C	6.6		pH Units	1	H-03	SW-846 9045C	9/28/11	9/28/11 9:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	9/28/11	9/28/11 13:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/28/11	9/28/11 13:00	LL
Specific conductance	6.1	2.0	µmhos/cm	1		SM18-20 2510B	9/29/11	9/29/11 15:34	SBP
% Solids	84.1		% Wt	1		SM 2540G	10/2/11	10/3/11 9:45	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-1 | Sampled: 9/26/2011 11:15

Sample ID: 11I0944-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.18	0.010	mg/L	1		SW-846 6010C	10/3/11	10/4/11 11:20	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Bromomethane	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
n-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Carbon Disulfide	ND	0.0047	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Chlorodibromomethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Chloroethane	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Chloromethane	ND	0.0078	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:07	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2-Dibromoethane (EDB)	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0078	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,3-Dichloropropane	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
cis-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
trans-1,3-Dichloropropene	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Diethyl Ether	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Diisopropyl Ether (DIPE)	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,4-Dioxane	ND	0.078	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/28/11	9/28/11 8:07	MFF

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Methylene Chloride	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.00078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Tetrahydrofuran	ND	0.0078	mg/Kg dry	1	V-16	SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
Vinyl Chloride	ND	0.0078	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		9/28/11 8:07
Toluene-d8	96.6	70-130		9/28/11 8:07
4-Bromofluorobenzene	95.8	70-130		9/28/11 8:07

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

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 8270D	9/29/11	10/6/11 11:19	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Anthracene	0.29	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Benzo(a)anthracene	0.90	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Benzo(a)pyrene	0.80	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Benzo(b)fluoranthene	1.1	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Benzo(k)fluoranthene	0.39	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Bis(2-Ethylhexyl)phthalate	0.41	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Butylbenzylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Chrysene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Dimethylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	R-05	SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Di-n-octylphthalate	ND	0.74	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Fluoranthene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

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 8270D	9/29/11	10/6/11 11:19	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Phenanthrene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
Pyrene	1.5	0.19	mg/Kg dry	1	V-06	SW-846 8270D	9/29/11	10/6/11 11:19	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	62.3	30-130		10/6/11 11:19
Phenol-d6	73.2	30-130		10/6/11 11:19
Nitrobenzene-d5	56.9	30-130		10/6/11 11:19
2-Fluorobiphenyl	58.7	30-130		10/6/11 11:19
2,4,6-Tribromophenol	65.3	30-130		10/6/11 11:19
Terphenyl-d14	52.0	30-130		10/6/11 11:19

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
gamma-BHC (Lindane) [1]	ND	0.045	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Chlordane [1]	ND	0.45	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
4,4'-DDD [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
4,4'-DDE [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
4,4'-DDT [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Dieldrin [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 16:55	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		10/5/11 16:55
Decachlorobiphenyl [2]	116	30-150		10/5/11 16:55
Tetrachloro-m-xylene [1]	81.1	30-150		10/5/11 16:55
Tetrachloro-m-xylene [2]	81.7	30-150		10/5/11 16:55

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

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	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1254 [1]	4.2	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:11	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.5	30-150		10/4/11 8:11
Decachlorobiphenyl [2]	95.7	30-150		10/4/11 8:11
Tetrachloro-m-xylene [1]	91.3	30-150		10/4/11 8:11
Tetrachloro-m-xylene [2]	90.7	30-150		10/4/11 8:11

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

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	470	190	mg/Kg dry	10		SW-846 8100 Modified	9/30/11	10/4/11 13:00	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	59.3	40-140					10/4/11 13:00

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.5	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Barium	380	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Cadmium	2.1	0.28	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Chromium	31	0.55	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Lead	570	0.83	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Mercury	0.60	0.057	mg/Kg dry	2		SW-846 7471B	9/29/11	9/30/11 15:17	AMR
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP
Silver	1.0	0.55	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:48	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/28/11	9/28/11 11:55	VAK
pH @22.4°C	6.5		pH Units	1	H-03	SW-846 9045C	9/28/11	9/28/11 9:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/28/11	9/28/11 13:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/28/11	9/28/11 13:00	LL
Specific conductance	6.1	2.0	µmhos/cm	1		SM18-20 2510B	9/29/11	9/29/11 15:34	SBP
% Solids	88.6		% Wt	1		SM 2540G	10/3/11	10/4/11 12:35	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-2 | Sampled: 9/26/2011 11:30

Sample ID: 11I0944-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.21	0.010	mg/L	1		SW-846 6010C	10/3/11	10/4/11 11:42	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Bromomethane	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
2-Butanone (MEK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
n-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Carbon Disulfide	ND	0.0035	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Chlorodibromomethane	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Chloroethane	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Chloroform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Chloromethane	ND	0.0058	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:33	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0058	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,3-Dichloropropane	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
cis-1,3-Dichloropropene	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
trans-1,3-Dichloropropene	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Diethyl Ether	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Diisopropyl Ether (DIPE)	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,4-Dioxane	ND	0.058	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/28/11	9/28/11 8:33	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Methylene Chloride	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Naphthalene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Tetrahydrofuran	ND	0.0058	mg/Kg dry	1	V-16	SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
Vinyl Chloride	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
m+p Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	116	70-130		9/28/11 8:33
Toluene-d8	94.4	70-130		9/28/11 8:33
4-Bromofluorobenzene	86.0	70-130		9/28/11 8:33

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Anthracene	0.31	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Benzo(a)anthracene	1.0	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Benzo(a)pyrene	0.91	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Benzo(b)fluoranthene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Benzo(g,h,i)perylene	0.39	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Benzo(k)fluoranthene	0.48	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Bis(2-Ethylhexyl)phthalate	0.46	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Chrysene	1.1	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1	R-05	SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Fluoranthene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Indeno(1,2,3-cd)pyrene	0.40	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

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	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Phenanthrene	1.4	0.20	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
Pyrene	1.6	0.20	mg/Kg dry	1	V-06	SW-846 8270D	9/29/11	10/6/11 11:46	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/29/11	10/6/11 11:46	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	64.9	30-130		10/6/11 11:46
Phenol-d6	70.9	30-130		10/6/11 11:46
Nitrobenzene-d5	58.2	30-130		10/6/11 11:46
2-Fluorobiphenyl	63.7	30-130		10/6/11 11:46
2,4,6-Tribromophenol	61.0	30-130		10/6/11 11:46
Terphenyl-d14	45.6	30-130		10/6/11 11:46

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
gamma-BHC (Lindane) [1]	ND	0.046	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Chlordane [1]	ND	0.46	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
4,4'-DDD [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
4,4'-DDE [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
4,4'-DDT [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Dieldrin [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	9/30/11	10/5/11 17:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.1	30-150		10/5/11 17:13
Decachlorobiphenyl [2]	106	30-150		10/5/11 17:13
Tetrachloro-m-xylene [1]	72.3	30-150		10/5/11 17:13
Tetrachloro-m-xylene [2]	74.5	30-150		10/5/11 17:13

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

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	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1254 [1]	3.3	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1260 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	9/30/11	10/4/11 8:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.9	30-150		10/4/11 8:25
Decachlorobiphenyl [2]	77.6	30-150		10/4/11 8:25
Tetrachloro-m-xylene [1]	66.7	30-150		10/4/11 8:25
Tetrachloro-m-xylene [2]	69.6	30-150		10/4/11 8:25

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

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	320	190	mg/Kg dry	10		SW-846 8100 Modified	9/30/11	10/4/11 12:42	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	56.7	40-140					10/4/11 12:42

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Barium	340	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Cadmium	2.0	0.28	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Chromium	28	0.57	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Lead	810	0.85	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Mercury	0.54	0.056	mg/Kg dry	2		SW-846 7471B	9/29/11	9/30/11 11:15	AMR
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP
Silver	0.90	0.57	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:53	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/28/11	9/28/11 11:55	VAK
pH @27.7°C	6.3		pH Units	1	H-03	SW-846 9045C	9/28/11	9/28/11 9:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/28/11	9/28/11 13:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/28/11	9/28/11 13:00	LL
Specific conductance	4.9	2.0	µmhos/cm	1		SM18-20 2510B	9/29/11	9/29/11 15:34	SBP
% Solids	87.1		% Wt	1		SM 2540G	10/2/11	10/3/11 9:45	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-3 | Sampled: 9/26/2011 11:45

Sample ID: 11I0944-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.80	0.010	mg/L	1		SW-846 6010C	10/3/11	10/4/11 11:48	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Bromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Carbon Disulfide	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Chloroethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:58	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Diethyl Ether	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Diisopropyl Ether (DIPE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,4-Dioxane	ND	0.069	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/28/11	9/28/11 8:58	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Methylene Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Tetrahydrofuran	ND	0.0069	mg/Kg dry	1	V-16	SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/28/11	9/28/11 8:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	115	70-130		9/28/11 8:58
Toluene-d8	95.6	70-130		9/28/11 8:58
4-Bromofluorobenzene	92.1	70-130		9/28/11 8:58

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.83	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Acetophenone	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Aniline	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Anthracene	1.5	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Benzo(a)anthracene	3.6	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Benzo(a)pyrene	3.1	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Benzo(b)fluoranthene	3.5	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Benzo(g,h,i)perylene	1.4	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Benzo(k)fluoranthene	1.5	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Bis(2-chloroethoxy)methane	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Bis(2-chloroethyl)ether	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Bis(2-chloroisopropyl)ether	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
4-Bromophenylphenylether	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2-Chloronaphthalene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2-Chlorophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Chrysene	4.3	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Dibenz(a,h)anthracene	0.45	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Dibenzofuran	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Di-n-butylphthalate	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
1,2-Dichlorobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
1,3-Dichlorobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
1,4-Dichlorobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	2	V-20	SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4-Dichlorophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Diethylphthalate	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4-Dimethylphenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	2	R-05	SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4-Dinitrotoluene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,6-Dinitrotoluene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Fluoranthene	6.4	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Fluorene	0.78	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Hexachlorobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Hexachlorobutadiene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Hexachloroethane	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Indeno(1,2,3-cd)pyrene	1.5	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Isophorone	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2-Methylphenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
3/4-Methylphenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Naphthalene	0.39	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Nitrobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2-Nitrophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	2	V-20	SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Pentachlorophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Phenanthrene	9.3	0.77	mg/Kg dry	4		SW-846 8270D	9/29/11	10/5/11 21:10	BGL
Phenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
Pyrene	7.5	0.38	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
1,2,4-Trichlorobenzene	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4,5-Trichlorophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL
2,4,6-Trichlorophenol	ND	0.77	mg/Kg dry	2		SW-846 8270D	9/29/11	10/4/11 17:38	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	86.4	30-130		10/4/11 17:38
Phenol-d6	90.8	30-130		10/4/11 17:38
Nitrobenzene-d5	81.9	30-130		10/4/11 17:38
2-Fluorobiphenyl	81.3	30-130		10/4/11 17:38
2,4,6-Tribromophenol	83.9	30-130		10/4/11 17:38
Terphenyl-d14	57.7	30-130		10/4/11 17:38

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
alpha-BHC [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
beta-BHC [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
delta-BHC [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
gamma-BHC (Lindane) [1]	ND	0.057	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Chlordane [1]	ND	0.57	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
4,4'-DDD [1]	ND	0.11	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
4,4'-DDE [1]	ND	0.11	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
4,4'-DDT [1]	ND	0.11	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Dieldrin [1]	ND	0.11	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Endosulfan I [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Endosulfan II [1]	ND	0.23	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Endosulfan sulfate [1]	ND	0.23	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Endrin [1]	ND	0.23	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Endrin ketone [1]	ND	0.23	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Heptachlor [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Heptachlor epoxide [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Hexachlorobenzene [1]	ND	0.14	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB
Methoxychlor [1]	ND	1.4	mg/Kg dry	25		SW-846 8081B	9/30/11	10/5/11 17:31	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	138	30-150		10/5/11 17:31
Decachlorobiphenyl [2]	140	30-150		10/5/11 17:31
Tetrachloro-m-xylene [1]	81.2	30-150		10/5/11 17:31
Tetrachloro-m-xylene [2]	83.5	30-150		10/5/11 17:31

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

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	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1221 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1232 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1242 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1248 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1254 [1]	6.7	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1260 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1262 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB
Aroclor-1268 [1]	ND	0.57	mg/Kg dry	5		SW-846 8082A	9/30/11	10/4/11 8:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.4	30-150		10/4/11 8:39
Decachlorobiphenyl [2]	98.3	30-150		10/4/11 8:39
Tetrachloro-m-xylene [1]	90.6	30-150		10/4/11 8:39
Tetrachloro-m-xylene [2]	94.3	30-150		10/4/11 8:39

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

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	290	95	mg/Kg dry	10		SW-846 8100 Modified	9/30/11	10/4/11 13:00	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	56.1	40-140					10/4/11 13:00

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Barium	310	2.8	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Cadmium	1.9	0.28	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Chromium	22	0.56	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Lead	510	0.83	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Mercury	0.47	0.057	mg/Kg dry	2		SW-846 7471B	9/29/11	9/30/11 11:16	AMR
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP
Silver	0.75	0.56	mg/Kg dry	1		SW-846 6010C	9/29/11	9/30/11 14:57	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/28/11	9/28/11 11:55	VAK
pH @23.7°C	6.1		pH Units	1	H-03	SW-846 9045C	9/28/11	9/28/11 9:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	9/28/11	9/28/11 13:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/28/11	9/28/11 13:00	LL
Specific conductance	4.5	2.0	µmhos/cm	1		SM18-20 2510B	9/29/11	9/29/11 15:34	SBP
% Solids	87.9		% Wt	1		SM 2540G	10/2/11	10/3/11 9:45	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I0944

Date Received: 9/27/2011

Field Sample #: STKP D2-4 | Sampled: 9/26/2011 12:00

Sample ID: 11I0944-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.33	0.010	mg/L	1		SW-846 6010C	10/3/11	10/4/11 11:54	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I0944-01 [STKP D2-1]	B038358	10/02/11
11I0944-03 [STKP D2-3]	B038358	10/02/11
11I0944-04 [STKP D2-4]	B038358	10/02/11

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I0944-02 [STKP D2-2]	B038388	10/03/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11I0944-01 [STKP D2-1]	B038236	1.00	09/29/11
11I0944-02 [STKP D2-2]	B038236	1.00	09/29/11
11I0944-03 [STKP D2-3]	B038236	1.00	09/29/11
11I0944-04 [STKP D2-4]	B038236	1.00	09/29/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038333	50.0	50.0	09/30/11
11I0944-02 [STKP D2-2]	B038333	50.0	50.0	09/30/11
11I0944-03 [STKP D2-3]	B038333	50.0	50.0	09/30/11
11I0944-04 [STKP D2-4]	B038333	50.0	50.0	09/30/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038118	50.0	50.0	09/28/11
11I0944-02 [STKP D2-2]	B038118	50.0	50.0	09/28/11
11I0944-03 [STKP D2-3]	B038118	50.0	50.0	09/28/11
11I0944-04 [STKP D2-4]	B038118	50.0	50.0	09/28/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038205	1.03	50.0	09/29/11
11I0944-02 [STKP D2-2]	B038205	1.02	50.0	09/29/11
11I0944-03 [STKP D2-3]	B038205	1.01	50.0	09/29/11
11I0944-04 [STKP D2-4]	B038205	1.02	50.0	09/29/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 9/30/2011 per SW-846 1311 in Batch B038278**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038400	50.0	50.0	10/03/11
11I0944-02 [STKP D2-2]	B038400	50.0	50.0	10/03/11
11I0944-03 [STKP D2-3]	B038400	50.0	50.0	10/03/11

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 9/30/2011 per SW-846 1311 in Batch B038278**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0944-04 [STKP D2-4]	B038400	50.0	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038219	0.617	50.0	09/29/11
11I0944-02 [STKP D2-2]	B038219	0.596	50.0	09/29/11
11I0944-03 [STKP D2-3]	B038219	0.617	50.0	09/29/11
11I0944-04 [STKP D2-4]	B038219	0.602	50.0	09/29/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038283	10.0	10.0	09/30/11
11I0944-02 [STKP D2-2]	B038283	10.0	10.0	09/30/11
11I0944-03 [STKP D2-3]	B038283	10.0	10.0	09/30/11
11I0944-04 [STKP D2-4]	B038283	10.0	10.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038263	10.0	50.0	09/30/11
11I0944-02 [STKP D2-2]	B038263	10.0	50.0	09/30/11
11I0944-03 [STKP D2-3]	B038263	10.0	50.0	09/30/11
11I0944-04 [STKP D2-4]	B038263	10.0	50.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038264	30.0	2.00	09/30/11
11I0944-02 [STKP D2-2]	B038264	30.0	2.00	09/30/11
11I0944-03 [STKP D2-3]	B038264	30.0	2.00	09/30/11
11I0944-04 [STKP D2-4]	B038264	30.0	1.00	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038107	9.89	10.0	09/28/11
11I0944-02 [STKP D2-2]	B038107	7.20	10.0	09/28/11
11I0944-03 [STKP D2-3]	B038107	9.91	10.0	09/28/11
11I0944-04 [STKP D2-4]	B038107	8.30	10.0	09/28/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038222	30.0	2.00	09/29/11
11I0944-01RE1 [STKP D2-1]	B038222	30.0	2.00	09/29/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-02 [STKP D2-2]	B038222	30.4	1.00	09/29/11
11I0944-03 [STKP D2-3]	B038222	30.0	1.00	09/29/11
11I0944-04 [STKP D2-4]	B038222	30.2	1.00	09/29/11
11I0944-04RE1 [STKP D2-4]	B038222	30.2	1.00	09/29/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038139	25.3	250	09/28/11
11I0944-02 [STKP D2-2]	B038139	25.6	250	09/28/11
11I0944-03 [STKP D2-3]	B038139	25.4	250	09/28/11
11I0944-04 [STKP D2-4]	B038139	25.2	250	09/28/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0944-01 [STKP D2-1]	B038141	25.3	250	09/28/11
11I0944-02 [STKP D2-2]	B038141	25.6	250	09/28/11
11I0944-03 [STKP D2-3]	B038141	25.4	250	09/28/11
11I0944-04 [STKP D2-4]	B038141	25.2	250	09/28/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11I0944-01 [STKP D2-1]	B038152	20.0	09/28/11
11I0944-02 [STKP D2-2]	B038152	20.0	09/28/11
11I0944-03 [STKP D2-3]	B038152	20.0	09/28/11
11I0944-04 [STKP D2-4]	B038152	20.0	09/28/11

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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 B038107 - SW-846 5035										
Blank (B038107-BLK1)				Prepared & Analyzed: 09/28/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-05, 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	0.0020	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	0.0040	mg/Kg wet							

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 B038107 - SW-846 5035											
Blank (B038107-BLK1)				Prepared & Analyzed: 09/28/11							
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	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
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	*0.0530*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0484*		mg/Kg wet	0.0500		96.7	70-130				
LCS (B038107-BS1)				Prepared & Analyzed: 09/28/11							
Acetone	0.242	0.10	mg/Kg wet	0.200		121	40-160				†
tert-Amyl Methyl Ether (TAME)	0.0179	0.0010	mg/Kg wet	0.0200		89.3	70-130				
Benzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130				
Bromobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
Bromochloromethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromodichloromethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
Bromoform	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
Bromomethane	0.0167	0.010	mg/Kg wet	0.0200		83.4	40-160				†
2-Butanone (MEK)	0.198	0.040	mg/Kg wet	0.200		99.0	40-160				†
n-Butylbenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130				
sec-Butylbenzene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130				
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0156	0.0010	mg/Kg wet	0.0200		77.9	70-130				
Carbon Disulfide	0.0210	0.0060	mg/Kg wet	0.0200		105	70-130				
Carbon Tetrachloride	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
Chlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Chlorodibromomethane	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130				
Chloroethane	0.0190	0.010	mg/Kg wet	0.0200		94.8	70-130				
Chloroform	0.0217	0.0040	mg/Kg wet	0.0200		108	70-130				
Chloromethane	0.0146	0.010	mg/Kg wet	0.0200		73.1	40-160			V-05	†
2-Chlorotoluene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
4-Chlorotoluene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130				
1,2-Dibromoethane (EDB)	0.0214	0.0010	mg/Kg wet	0.0200		107	70-130				
Dibromomethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
1,2-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
1,3-Dichlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130				
1,4-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	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 B038107 - SW-846 5035											
LCS (B038107-BS1)				Prepared & Analyzed: 09/28/11							
Dichlorodifluoromethane (Freon 12)	0.0151	0.010	mg/Kg wet	0.0200		75.5	40-160			V-05	†
1,1-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
1,2-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,1-Dichloroethylene	0.0199	0.0040	mg/Kg wet	0.0200		99.6	70-130				
cis-1,2-Dichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130				
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,3-Dichloropropane	0.0209	0.0010	mg/Kg wet	0.0200		105	70-130				
2,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
1,1-Dichloropropene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.7	70-130				
trans-1,3-Dichloropropene	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130				
Diethyl Ether	0.0191	0.010	mg/Kg wet	0.0200		95.5	70-130				
Diisopropyl Ether (DIPE)	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130				
1,4-Dioxane	0.170	0.10	mg/Kg wet	0.200		84.9	40-160			V-05, V-16	†
Ethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
Hexachlorobutadiene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130				
2-Hexanone (MBK)	0.201	0.020	mg/Kg wet	0.200		101	40-160				†
Isopropylbenzene (Cumene)	0.0262	0.0020	mg/Kg wet	0.0200		**131**	* 70-130			L-07	
p-Isopropyltoluene (p-Cymene)	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0191	0.0040	mg/Kg wet	0.0200		95.6	70-130				
Methylene Chloride	0.0211	0.010	mg/Kg wet	0.0200		106	70-130				
4-Methyl-2-pentanone (MIBK)	0.196	0.020	mg/Kg wet	0.200		98.0	40-160				†
Naphthalene	0.0181	0.0040	mg/Kg wet	0.0200		90.7	70-130				
n-Propylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130				
Styrene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130				
1,1,1,2-Tetrachloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
1,1,2,2-Tetrachloroethane	0.0213	0.0010	mg/Kg wet	0.0200		106	70-130				
Tetrachloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130				
Tetrahydrofuran	0.0160	0.010	mg/Kg wet	0.0200		80.1	70-130			V-16	
Toluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2,3-Trichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
1,2,4-Trichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
1,1,1-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
Trichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
Trichlorofluoromethane (Freon 11)	0.0199	0.010	mg/Kg wet	0.0200		99.3	70-130				
1,2,3-Trichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
1,2,4-Trimethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
1,3,5-Trimethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
Vinyl Chloride	0.0146	0.010	mg/Kg wet	0.0200		72.9	70-130				
m+p Xylene	0.0449	0.0040	mg/Kg wet	0.0400		112	70-130				
o-Xylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0529*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		98.9	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0501*		mg/Kg wet	0.0500		100	70-130				

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 B038107 - SW-846 5035											
LCS Dup (B038107-BSD1)				Prepared & Analyzed: 09/28/11							
Acetone	0.229	0.10	mg/Kg wet	0.200		114	40-160	5.72	20		†
tert-Amyl Methyl Ether (TAME)	0.0181	0.0010	mg/Kg wet	0.0200		90.7	70-130	1.56	20		
Benzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	2.19	20		
Bromobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	0.0915	20		
Bromochloromethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	0.00	20		
Bromodichloromethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	1.35	20		
Bromoform	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	0.180	20		
Bromomethane	0.0171	0.010	mg/Kg wet	0.0200		85.5	40-160	2.49	20		†
2-Butanone (MEK)	0.192	0.040	mg/Kg wet	0.200		96.0	40-160	3.03	20		†
n-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.91	20		
sec-Butylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	2.44	20		
tert-Butylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	2.72	20		
tert-Butyl Ethyl Ether (TBEE)	0.0158	0.0010	mg/Kg wet	0.0200		78.9	70-130	1.28	20		
Carbon Disulfide	0.0213	0.0060	mg/Kg wet	0.0200		107	70-130	1.70	20		
Carbon Tetrachloride	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.17	20		
Chlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	0.559	20		
Chlorodibromomethane	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130	4.07	20		
Chloroethane	0.0185	0.010	mg/Kg wet	0.0200		92.5	70-130	2.46	20		
Chloroform	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130	1.49	20		
Chloromethane	0.0152	0.010	mg/Kg wet	0.0200		76.1	40-160	4.02	20	V-05	†
2-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.18	20		
4-Chlorotoluene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	2.97	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0254	0.0020	mg/Kg wet	0.0200		127	70-130	2.63	20		
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	1.22	20		
Dibromomethane	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	2.64	20		
1,2-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.36	20		
1,3-Dichlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	0.542	20		
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	0.371	20		
Dichlorodifluoromethane (Freon 12)	0.0134	0.010	mg/Kg wet	0.0200		66.8	40-160	12.2	20	L-14, V-05	†
1,1-Dichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.58	20		
1,2-Dichloroethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	2.65	20		
1,1-Dichloroethylene	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130	3.55	20		
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	2.83	20		
trans-1,2-Dichloroethylene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	2.35	20		
1,2-Dichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	2.56	20		
1,3-Dichloropropane	0.0206	0.0010	mg/Kg wet	0.0200		103	70-130	1.44	20		
2,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	0.396	20		
1,1-Dichloropropene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	0.906	20		
cis-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		99.1	70-130	0.604	20		
trans-1,3-Dichloropropene	0.0215	0.0010	mg/Kg wet	0.0200		108	70-130	4.36	20		
Diethyl Ether	0.0193	0.010	mg/Kg wet	0.0200		96.7	70-130	1.25	20		
Diisopropyl Ether (DIPE)	0.0183	0.0010	mg/Kg wet	0.0200		91.4	70-130	1.21	20		
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		82.0	40-160	3.51	20	V-16, V-05	†
Ethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	1.66	20		
Hexachlorobutadiene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	4.14	20		
2-Hexanone (MBK)	0.193	0.020	mg/Kg wet	0.200		96.4	40-160	4.45	20		†
Isopropylbenzene (Cumene)	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130	3.73	20		
p-Isopropyltoluene (p-Cymene)	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	0.0871	20		
Methyl tert-Butyl Ether (MTBE)	0.0191	0.0040	mg/Kg wet	0.0200		95.7	70-130	0.105	20		
Methylene Chloride	0.0209	0.010	mg/Kg wet	0.0200		104	70-130	1.14	20		
4-Methyl-2-pentanone (MIBK)	0.192	0.020	mg/Kg wet	0.200		95.8	40-160	2.30	20		†
Naphthalene	0.0184	0.0040	mg/Kg wet	0.0200		91.9	70-130	1.31	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 B038107 - SW-846 5035										
LCS Dup (B038107-BSD1)				Prepared & Analyzed: 09/28/11						
n-Propylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.03	20	
Styrene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	2.18	20	
1,1,1,2-Tetrachloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	1.77	20	
1,1,2,2-Tetrachloroethane	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130	1.99	20	
Tetrachloroethylene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	0.708	20	
Tetrahydrofuran	0.0173	0.010	mg/Kg wet	0.0200		86.5	70-130	7.68	20	V-16
Toluene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.990	20	
1,2,3-Trichlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	2.20	20	
1,2,4-Trichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	0.655	20	
1,1,1-Trichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.90	20	
1,1,2-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	2.75	20	
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.12	20	
Trichlorofluoromethane (Freon 11)	0.0197	0.010	mg/Kg wet	0.0200		98.7	70-130	0.606	20	
1,2,3-Trichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	5.70	20	
1,2,4-Trimethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.00	20	
1,3,5-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	2.12	20	
Vinyl Chloride	0.0141	0.010	mg/Kg wet	0.0200		70.7	70-130	3.06	20	
m+p Xylene	0.0445	0.0040	mg/Kg wet	0.0400		111	70-130	0.806	20	
o-Xylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	1.17	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0525*		mg/Kg wet	0.0500		105	70-130			
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0501*		mg/Kg wet	0.0500		100	70-130			

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 B038222 - SW-846 3546										
Blank (B038222-BLK1)				Prepared: 09/29/11 Analyzed: 10/01/11						
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							R-05
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 B038222 - SW-846 3546											
Blank (B038222-BLK1)				Prepared: 09/29/11 Analyzed: 10/01/11							
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	*5.14*		mg/Kg wet	6.67		77.1	30-130				
Surrogate: Phenol-d6	*4.75*		mg/Kg wet	6.67		71.2	30-130				
Surrogate: Nitrobenzene-d5	*2.42*		mg/Kg wet	3.33		72.5	30-130				
Surrogate: 2-Fluorobiphenyl	*2.58*		mg/Kg wet	3.33		77.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.48*		mg/Kg wet	6.67		97.2	30-130				
Surrogate: Terphenyl-d14	*2.99*		mg/Kg wet	3.33		89.6	30-130				
LCS (B038222-BS1)				Prepared: 09/29/11 Analyzed: 10/01/11							
Acenaphthene	1.40	0.17	mg/Kg wet	1.67		83.7	40-140				
Acenaphthylene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140				
Acetophenone	1.14	0.34	mg/Kg wet	1.67		68.4	40-140				
Aniline	0.669	0.34	mg/Kg wet	1.67		40.1	40-140				
Anthracene	1.56	0.17	mg/Kg wet	1.67		93.7	40-140				
Benzo(a)anthracene	1.48	0.17	mg/Kg wet	1.67		88.9	40-140				
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.1	40-140				
Benzo(b)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140				
Benzo(g,h,i)perylene	0.993	0.17	mg/Kg wet	1.67		59.6	40-140				
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.7	40-140				
Bis(2-chloroethoxy)methane	1.24	0.34	mg/Kg wet	1.67		74.3	40-140				
Bis(2-chloroethyl)ether	1.05	0.34	mg/Kg wet	1.67		63.0	40-140				
Bis(2-chloroisopropyl)ether	1.15	0.34	mg/Kg wet	1.67		68.7	40-140				
Bis(2-Ethylhexyl)phthalate	1.97	0.34	mg/Kg wet	1.67		118	40-140				
4-Bromophenylphenylether	1.37	0.34	mg/Kg wet	1.67		82.4	40-140				
Butylbenzylphthalate	1.47	0.66	mg/Kg wet	1.67		88.3	40-140				
4-Chloroaniline	0.736	0.66	mg/Kg wet	1.67		44.1	15-140				†
2-Chloronaphthalene	1.09	0.34	mg/Kg wet	1.67		65.6	40-140				
2-Chlorophenol	1.04	0.34	mg/Kg wet	1.67		62.4	30-130				
Chrysene	1.56	0.17	mg/Kg wet	1.67		93.6	40-140				
Dibenz(a,h)anthracene	1.19	0.17	mg/Kg wet	1.67		71.4	40-140				
Dibenzofuran	1.38	0.34	mg/Kg wet	1.67		82.6	40-140				
Di-n-butylphthalate	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
1,2-Dichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.2	40-140				
1,3-Dichlorobenzene	0.997	0.34	mg/Kg wet	1.67		59.8	40-140				
1,4-Dichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.7	40-140				
3,3-Dichlorobenzidine	1.26	0.17	mg/Kg wet	1.67		75.5	40-140				
2,4-Dichlorophenol	1.03	0.34	mg/Kg wet	1.67		61.7	30-130				
Diethylphthalate	1.43	0.34	mg/Kg wet	1.67		85.9	40-140				
2,4-Dimethylphenol	1.09	0.34	mg/Kg wet	1.67		65.5	30-130				
Dimethylphthalate	1.40	0.66	mg/Kg wet	1.67		84.1	40-140				
2,4-Dinitrophenol	0.424	0.66	mg/Kg wet	1.67		25.4	15-140			L-15, R-05	†
2,4-Dinitrotoluene	1.52	0.34	mg/Kg wet	1.67		91.4	40-140				
2,6-Dinitrotoluene	1.48	0.34	mg/Kg wet	1.67		88.6	40-140				
Di-n-octylphthalate	1.53	0.66	mg/Kg wet	1.67		91.7	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.38	0.34	mg/Kg wet	1.67		83.0	40-140				
Fluoranthene	1.73	0.17	mg/Kg wet	1.67		104	40-140				
Fluorene	1.45	0.17	mg/Kg wet	1.67		86.7	40-140				
Hexachlorobenzene	1.33	0.34	mg/Kg wet	1.67		80.0	40-140				

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 B038222 - SW-846 3546										
LCS (B038222-BS1)				Prepared: 09/29/11 Analyzed: 10/01/11						
Hexachlorobutadiene	1.21	0.34	mg/Kg wet	1.67		72.4	40-140			
Hexachloroethane	1.08	0.34	mg/Kg wet	1.67		65.1	40-140			
Indeno(1,2,3-cd)pyrene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140			
Isophorone	1.12	0.34	mg/Kg wet	1.67		67.2	40-140			
2-Methylnaphthalene	1.09	0.17	mg/Kg wet	1.67		65.3	40-140			
2-Methylphenol	1.07	0.34	mg/Kg wet	1.67		64.0	30-130			
3/4-Methylphenol	0.836	0.34	mg/Kg wet	1.67		50.1	30-130			
Naphthalene	1.20	0.17	mg/Kg wet	1.67		72.0	40-140			
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140			
2-Nitrophenol	1.12	0.34	mg/Kg wet	1.67		66.9	30-130			
4-Nitrophenol	1.58	0.66	mg/Kg wet	1.67		94.9	15-140			†
Pentachlorophenol	0.917	0.34	mg/Kg wet	1.67		55.0	30-130			
Phenanthrene	1.52	0.17	mg/Kg wet	1.67		91.3	40-140			
Phenol	0.982	0.34	mg/Kg wet	1.67		58.9	15-140			†
Pyrene	1.43	0.17	mg/Kg wet	1.67		85.5	40-140			
1,2,4-Trichlorobenzene	1.10	0.34	mg/Kg wet	1.67		66.2	40-140			
2,4,5-Trichlorophenol	1.34	0.34	mg/Kg wet	1.67		80.2	30-130			
2,4,6-Trichlorophenol	1.34	0.34	mg/Kg wet	1.67		80.4	30-130			
Surrogate: 2-Fluorophenol	*4.65*		mg/Kg wet	6.67		69.8	30-130			
Surrogate: Phenol-d6	*4.43*		mg/Kg wet	6.67		66.4	30-130			
Surrogate: Nitrobenzene-d5	*2.32*		mg/Kg wet	3.33		69.6	30-130			
Surrogate: 2-Fluorobiphenyl	*2.78*		mg/Kg wet	3.33		83.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.83*		mg/Kg wet	6.67		102	30-130			
Surrogate: Terphenyl-d14	*2.96*		mg/Kg wet	3.33		88.9	30-130			
LCS Dup (B038222-BSD1)				Prepared: 09/29/11 Analyzed: 10/01/11						
Acenaphthene	1.44	0.17	mg/Kg wet	1.67		86.6	40-140	3.45	30	
Acenaphthylene	1.39	0.17	mg/Kg wet	1.67		83.2	40-140	5.05	30	
Acetophenone	1.18	0.34	mg/Kg wet	1.67		71.0	40-140	3.73	30	
Aniline	0.750	0.34	mg/Kg wet	1.67		45.0	40-140	11.5	30	
Anthracene	1.61	0.17	mg/Kg wet	1.67		96.7	40-140	3.15	30	
Benzo(a)anthracene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140	4.92	30	
Benzo(a)pyrene	1.46	0.17	mg/Kg wet	1.67		87.6	40-140	1.63	30	
Benzo(b)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.7	40-140	0.213	30	
Benzo(g,h,i)perylene	0.972	0.17	mg/Kg wet	1.67		58.3	40-140	2.14	30	
Benzo(k)fluoranthene	1.43	0.17	mg/Kg wet	1.67		85.9	40-140	1.43	30	
Bis(2-chloroethoxy)methane	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	4.32	30	
Bis(2-chloroethyl)ether	1.14	0.34	mg/Kg wet	1.67		68.6	40-140	8.48	30	
Bis(2-chloroisopropyl)ether	1.21	0.34	mg/Kg wet	1.67		72.8	40-140	5.71	30	
Bis(2-Ethylhexyl)phthalate	1.96	0.34	mg/Kg wet	1.67		117	40-140	0.509	30	
4-Bromophenylphenylether	1.34	0.34	mg/Kg wet	1.67		80.3	40-140	2.58	30	
Butylbenzylphthalate	1.62	0.66	mg/Kg wet	1.67		97.2	40-140	9.62	30	
4-Chloroaniline	0.751	0.66	mg/Kg wet	1.67		45.1	15-140	2.06	30	†
2-Chloronaphthalene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	4.29	30	
2-Chlorophenol	1.16	0.34	mg/Kg wet	1.67		69.8	30-130	11.2	30	
Chrysene	1.62	0.17	mg/Kg wet	1.67		97.5	40-140	4.08	30	
Dibenz(a,h)anthracene	1.41	0.17	mg/Kg wet	1.67		84.8	40-140	17.1	30	
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		86.9	40-140	5.07	30	
Di-n-butylphthalate	1.60	0.34	mg/Kg wet	1.67		95.9	40-140	3.13	30	
1,2-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		68.1	40-140	7.50	30	
1,3-Dichlorobenzene	1.08	0.34	mg/Kg wet	1.67		65.0	40-140	8.33	30	
1,4-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.8	40-140	6.24	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 B038222 - SW-846 3546												
LCS Dup (B038222-BSD1)				Prepared: 09/29/11 Analyzed: 10/01/11								
3,3-Dichlorobenzidine	1.40	0.17	mg/Kg wet	1.67		83.8	40-140	10.5		30		
2,4-Dichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.6	30-130	17.6		30		
Diethylphthalate	1.50	0.34	mg/Kg wet	1.67		90.0	40-140	4.66		30		
2,4-Dimethylphenol	1.22	0.34	mg/Kg wet	1.67		73.0	30-130	10.8		30		
Dimethylphthalate	1.45	0.66	mg/Kg wet	1.67		86.7	40-140	3.04		30		
2,4-Dinitrophenol	0.774	0.66	mg/Kg wet	1.67		46.4	15-140	**58.5**	*	30	R-05	†
2,4-Dinitrotoluene	1.65	0.34	mg/Kg wet	1.67		99.0	40-140	7.96		30		
2,6-Dinitrotoluene	1.60	0.34	mg/Kg wet	1.67		96.1	40-140	8.10		30		
Di-n-octylphthalate	1.56	0.66	mg/Kg wet	1.67		93.7	40-140	2.09		30		
1,2-Diphenylhydrazine (as Azobenzene)	1.35	0.34	mg/Kg wet	1.67		81.2	40-140	2.22		30		
Fluoranthene	1.81	0.17	mg/Kg wet	1.67		109	40-140	4.75		30		
Fluorene	1.54	0.17	mg/Kg wet	1.67		92.2	40-140	6.10		30		
Hexachlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.2	40-140	1.49		30		
Hexachlorobutadiene	1.26	0.34	mg/Kg wet	1.67		75.9	40-140	4.78		30		
Hexachloroethane	1.14	0.34	mg/Kg wet	1.67		68.3	40-140	4.80		30		
Indeno(1,2,3-cd)pyrene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140	3.66		30		
Isophorone	1.19	0.34	mg/Kg wet	1.67		71.3	40-140	5.95		30		
2-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.3	40-140	5.94		30		
2-Methylphenol	1.13	0.34	mg/Kg wet	1.67		67.5	30-130	5.44		30		
3/4-Methylphenol	0.990	0.34	mg/Kg wet	1.67		59.4	30-130	16.9		30		
Naphthalene	1.26	0.17	mg/Kg wet	1.67		75.5	40-140	4.72		30		
Nitrobenzene	1.19	0.34	mg/Kg wet	1.67		71.5	40-140	10.1		30		
2-Nitrophenol	1.22	0.34	mg/Kg wet	1.67		72.9	30-130	8.64		30		
4-Nitrophenol	1.87	0.66	mg/Kg wet	1.67		112	15-140	16.9		30		†
Pentachlorophenol	1.15	0.34	mg/Kg wet	1.67		68.7	30-130	22.1		30		
Phenanthrene	1.57	0.17	mg/Kg wet	1.67		94.0	40-140	2.94		30		
Phenol	1.09	0.34	mg/Kg wet	1.67		65.1	15-140	9.96		30		†
Pyrene	1.52	0.17	mg/Kg wet	1.67		91.3	40-140	6.49		30		
1,2,4-Trichlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.2	40-140	12.8		30		
2,4,5-Trichlorophenol	1.44	0.34	mg/Kg wet	1.67		86.3	30-130	7.31		30		
2,4,6-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		87.2	30-130	8.16		30		
Surrogate: 2-Fluorophenol	*5.05*		mg/Kg wet	6.67		75.7	30-130					
Surrogate: Phenol-d6	*4.80*		mg/Kg wet	6.67		71.9	30-130					
Surrogate: Nitrobenzene-d5	*2.41*		mg/Kg wet	3.33		72.3	30-130					
Surrogate: 2-Fluorobiphenyl	*2.87*		mg/Kg wet	3.33		86.1	30-130					
Surrogate: 2,4,6-Tribromophenol	*7.66*		mg/Kg wet	6.67		115	30-130					
Surrogate: Terphenyl-d14	*3.14*		mg/Kg wet	3.33		94.1	30-130					

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038283 - SW-846 3546										
Blank (B038283-BLK1)				Prepared: 09/30/11 Analyzed: 10/05/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.158*		mg/Kg wet	0.200		78.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.153*		mg/Kg wet	0.200		76.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038283 - SW-846 3546										
LCS (B038283-BS1)				Prepared: 09/30/11 Analyzed: 10/05/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140			
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140			
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		113	40-140			
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		112	40-140			
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		114	40-140			
4,4'-DDD	0.025	0.0040	mg/Kg wet	0.0200		125	40-140			
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		126	40-140			
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140			
4,4'-DDT	0.026	0.0040	mg/Kg wet	0.0200		128	40-140			
4,4'-DDT [2C]	0.024	0.0040	mg/Kg wet	0.0200		122	40-140			
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		115	40-140			
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140			
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140			
Endosulfan II	0.026	0.0080	mg/Kg wet	0.0200		130	40-140			
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		125	40-140			
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		111	40-140			
Endosulfan Sulfate [2C]	0.025	0.0080	mg/Kg wet	0.0200		126	40-140			
Endrin	0.027	0.0080	mg/Kg wet	0.0200		136	40-140			
Endrin [2C]	0.027	0.0080	mg/Kg wet	0.0200		135	40-140			
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140			
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Heptachlor Epoxide	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Hexachlorobenzene	0.023	0.0050	mg/Kg wet	0.0200		117	40-140			
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Methoxychlor	0.027	0.050	mg/Kg wet	0.0200		135	40-140			
Methoxychlor [2C]	0.027	0.050	mg/Kg wet	0.0200		133	40-140			
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg wet	0.200		84.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			
LCS Dup (B038283-BSD1)				Prepared: 09/30/11 Analyzed: 10/05/11						
Aldrin	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	5.15	30	
Aldrin [2C]	0.026	0.0050	mg/Kg wet	0.0200		128	40-140	5.19	30	
alpha-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	5.07	30	
alpha-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	4.87	30	
beta-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	5.28	30	
beta-BHC [2C]	0.026	0.0050	mg/Kg wet	0.0200		129	40-140	7.07	30	
delta-BHC	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	7.85	30	
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	7.72	30	
gamma-BHC (Lindane)	0.024	0.0020	mg/Kg wet	0.0200		118	40-140	5.33	30	
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		121	40-140	5.63	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038283 - SW-846 3546										
LCS Dup (B038283-BSD1)				Prepared: 09/30/11 Analyzed: 10/05/11						
4,4'-DDD	0.027	0.0040	mg/Kg wet	0.0200		133	40-140	6.17	30	
4,4'-DDD [2C]	0.027	0.0040	mg/Kg wet	0.0200		134	40-140	6.03	30	
4,4'-DDE	0.025	0.0040	mg/Kg wet	0.0200		124	40-140	5.39	30	
4,4'-DDE [2C]	0.026	0.0040	mg/Kg wet	0.0200		131	40-140	6.15	30	
4,4'-DDT	0.027	0.0040	mg/Kg wet	0.0200		135	40-140	5.61	30	
4,4'-DDT [2C]	0.026	0.0040	mg/Kg wet	0.0200		131	40-140	6.80	30	
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		122	40-140	5.60	30	
Dieldrin [2C]	0.025	0.0040	mg/Kg wet	0.0200		127	40-140	5.40	30	
Endosulfan I	0.026	0.0050	mg/Kg wet	0.0200		128	40-140	5.01	30	
Endosulfan I [2C]	0.027	0.0050	mg/Kg wet	0.0200		134	40-140	5.67	30	
Endosulfan II	0.028	0.0080	mg/Kg wet	0.0200		138	40-140	5.63	30	
Endosulfan II [2C]	0.027	0.0080	mg/Kg wet	0.0200		133	40-140	5.99	30	
Endosulfan Sulfate	0.024	0.0080	mg/Kg wet	0.0200		118	40-140	5.96	30	
Endosulfan Sulfate [2C]	0.027	0.0080	mg/Kg wet	0.0200		134	40-140	6.03	30	
Endrin	0.027	0.0080	mg/Kg wet	0.0200		137	40-140	0.377	30	
Endrin [2C]	0.028	0.0080	mg/Kg wet	0.0200		139	40-140	2.36	30	
Endrin Ketone	0.022	0.0080	mg/Kg wet	0.0200		111	40-140	6.65	30	
Endrin Ketone [2C]	0.025	0.0080	mg/Kg wet	0.0200		125	40-140	7.02	30	
Heptachlor	0.026	0.0050	mg/Kg wet	0.0200		129	40-140	4.61	30	
Heptachlor [2C]	0.026	0.0050	mg/Kg wet	0.0200		130	40-140	5.04	30	
Heptachlor Epoxide	0.026	0.0050	mg/Kg wet	0.0200		129	40-140	5.29	30	
Heptachlor Epoxide [2C]	0.026	0.0050	mg/Kg wet	0.0200		131	40-140	5.48	30	
Hexachlorobenzene	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	4.75	30	
Hexachlorobenzene [2C]	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	4.78	30	
Methoxychlor	0.027	0.050	mg/Kg wet	0.0200		135	40-140	0.0222	30	
Methoxychlor [2C]	0.027	0.050	mg/Kg wet	0.0200		136	40-140	2.71	30	
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.243*		mg/Kg wet	0.200		122	30-150			
Surrogate: Tetrachloro-m-xylene	*0.180*		mg/Kg wet	0.200		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		97.9	30-150			

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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 B038263 - SW-846 3546										
Blank (B038263-BLK1)				Prepared: 09/30/11 Analyzed: 10/01/11						
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	*0.194*		mg/Kg wet	0.200		97.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		99.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.227*		mg/Kg wet	0.200		114	30-150			
LCS (B038263-BS1)				Prepared: 09/30/11 Analyzed: 10/01/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		123	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		107	40-140			
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140			
Surrogate: Decachlorobiphenyl	*0.230*		mg/Kg wet	0.200		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene	*0.224*		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.249*		mg/Kg wet	0.200		125	30-150			
LCS Dup (B038263-BSD1)				Prepared: 09/30/11 Analyzed: 10/01/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		106	40-140	8.81	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	10.6	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		99.1	40-140	7.91	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	8.00	30	
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.227*		mg/Kg wet	0.200		113	30-150			

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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 B038263 - SW-846 3546												
Matrix Spike (B038263-MS1)	**Source: 11I0944-03**			Prepared: 09/30/11 Analyzed: 10/03/11								
Aroclor-1016	0.54	0.11	mg/Kg dry	0.230	ND	**234**	*	40-140				MS-21
Aroclor-1016 [2C]	3.9	0.11	mg/Kg dry	0.230	ND	**1710**	*	40-140				MS-21
Aroclor-1260	4.3	0.11	mg/Kg dry	0.230	ND	**1880**	*	40-140				MS-21
Aroclor-1260 [2C]	4.8	0.11	mg/Kg dry	0.230	ND	**2080**	*	40-140				MS-21
Surrogate: Decachlorobiphenyl	*0.171*		mg/Kg dry	0.230		74.4		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg dry	0.230		79.2		30-150				
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg dry	0.230		77.0		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg dry	0.230		78.1		30-150				
Matrix Spike Dup (B038263-MSD1)	**Source: 11I0944-03**			Prepared: 09/30/11 Analyzed: 10/03/11								
Aroclor-1016	0.33	0.11	mg/Kg dry	0.230	ND	**143**	*	40-140	48.0		50	MS-21
Aroclor-1016 [2C]	1.1	0.11	mg/Kg dry	0.230	ND	**490**	*	40-140	**111**	*	50	MS-21
Aroclor-1260	1.1	0.11	mg/Kg dry	0.230	ND	**497**	*	40-140	**116**	*	50	MS-21
Aroclor-1260 [2C]	1.3	0.11	mg/Kg dry	0.230	ND	**566**	*	40-140	**114**	*	50	MS-21
Surrogate: Decachlorobiphenyl	*0.185*		mg/Kg dry	0.230		80.7		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg dry	0.230		85.8		30-150				
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg dry	0.230		86.7		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg dry	0.230		87.6		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 B038264 - SW-846 3546										
Blank (B038264-BLK1)				Prepared & Analyzed: 09/30/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*3.40*		mg/Kg wet	3.33		102	40-140			
LCS (B038264-BS1)				Prepared & Analyzed: 09/30/11						
TPH C9-C36 Hydrocarbons as Diesel	32.7	8.3	mg/Kg wet	33.3		98.2	40-140			
Surrogate: o-Terphenyl	*3.39*		mg/Kg wet	3.33		102	40-140			
LCS Dup (B038264-BSD1)				Prepared & Analyzed: 09/30/11						
TPH C9-C36 Hydrocarbons as Diesel	30.9	8.3	mg/Kg wet	33.3		92.8	40-140	5.65	30	
Surrogate: o-Terphenyl	*3.21*		mg/Kg wet	3.33		96.4	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 B038205 - SW-846 3050B										
Blank (B038205-BLK1)				Prepared: 09/29/11 Analyzed: 09/30/11						
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 (B038205-BS1)				Prepared: 09/29/11 Analyzed: 09/30/11						
Arsenic	108	4.9	mg/Kg wet	109		99.5	83.2-117.4			
Barium	203	4.9	mg/Kg wet	206		98.6	83.1-116.9			
Cadmium	82.6	0.49	mg/Kg wet	80.2		103	80.7-119.1			
Chromium	118	0.98	mg/Kg wet	117		101	80.6-119.9			
Lead	70.6	1.5	mg/Kg wet	76.2		92.7	78.9-121.1			
Selenium	144	9.8	mg/Kg wet	127		114	79.2-120.3			
Silver	42.5	0.98	mg/Kg wet	41.0		104	66.3-133.7			
LCS (B038205-BS2)				Prepared: 09/29/11 Analyzed: 09/30/11						
Lead	0.732	0.74	mg/Kg wet	0.741		98.8	80-120			
LCS Dup (B038205-BSD1)				Prepared: 09/29/11 Analyzed: 09/30/11						
Arsenic	109	5.0	mg/Kg wet	109		100	83.2-117.4	0.902	30	
Barium	210	5.0	mg/Kg wet	206		102	83.1-116.9	3.33	30	
Cadmium	80.6	0.50	mg/Kg wet	80.2		100	80.7-119.1	2.43	30	
Chromium	117	1.0	mg/Kg wet	117		100	80.6-119.9	0.361	30	
Lead	70.8	1.5	mg/Kg wet	76.2		93.0	78.9-121.1	0.337	30	
Selenium	128	10	mg/Kg wet	127		100	79.2-120.3	12.3	30	
Silver	41.7	1.0	mg/Kg wet	41.0		102	66.3-133.7	1.69	30	
Batch B038219 - SW-846 7471										
Blank (B038219-BLK1)				Prepared: 09/29/11 Analyzed: 09/30/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B038219-BS1)				Prepared: 09/29/11 Analyzed: 09/30/11						
Mercury	1.01	0.092	mg/Kg wet	1.25		80.6	66-132			
LCS Dup (B038219-BSD1)				Prepared: 09/29/11 Analyzed: 09/30/11						
Mercury	0.903	0.092	mg/Kg wet	1.25		72.3	66-132	11.0	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 B038139 - SW-846 9014										
Blank (B038139-BLK1)				Prepared & Analyzed: 09/28/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B038139-BS1)				Prepared & Analyzed: 09/28/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B038141 - SW-846 9030A										
Blank (B038141-BLK1)				Prepared & Analyzed: 09/28/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B038141-BS1)				Prepared & Analyzed: 09/28/11						
Reactive Sulfide	9.6	2.0	mg/Kg	15.2		63.2	0-200			
Batch B038152 - SW-846 9045C										
Duplicate (B038152-DUP1)	**Source: 11I0944-04**			Prepared & Analyzed: 09/28/11						
pH	5.9		pH Units		6.1			3.49	8.06	H-03
Batch B038236 - SM18-20 2510B										
Blank (B038236-BLK1)				Prepared & Analyzed: 09/29/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B038236-BS1)				Prepared & Analyzed: 09/29/11						
Specific conductance	120	2.0	µmhos/cm	147		84.7	78.2-106			
Duplicate (B038236-DUP2)	**Source: 11I0944-04**			Prepared & Analyzed: 09/29/11						
Specific conductance	5.0	2.0	µmhos/cm		4.5			10.7	19.1	
Batch B038333 - SW-846 1010										
Blank (B038333-BLK1)				Prepared & Analyzed: 09/30/11						
Flashpoint	> 212 °F		°F							
LCS (B038333-BS1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B038333-BSD1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	

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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 B038358 - % Solids										
Duplicate (B038358-DUP2)	**Source: 11I0944-01**		Prepared: 10/02/11 Analyzed: 10/03/11							
% Solids	85.7		% Wt		84.1			1.88	20	

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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 B038400 - SW-846 3010A										
Blank (B038400-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Lead	ND	0.010	mg/L							
LCS (B038400-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Lead	0.489	0.010	mg/L	0.500		97.8	80-120			
LCS Dup (B038400-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Lead	0.493	0.010	mg/L	0.500		98.6	80-120	0.750	20	

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BREAKDOWN REPORT

Lab Sample ID: **S001110-PEM1** **Analyzed:** **10/05/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.87
Endrin [1]	4.81

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.93
Endrin [2]	4.07

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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.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
H-03	Sample received after recommended holding time was exceeded.
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.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-08	Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

1I0944

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD
Sampled By: J. FIERO / J. ROBINSON

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOCs By 8260	SVOCs By 8270	RCRA 8 Total Metals	PCBs 8082	Pesticides	Herbicides	Ignitability / F.P. Corrosivity / pH	Reactive Cyanide Sulfide	TPH by 8100M DRO	Conductivity	TCLP RCRA 8 Metals Extract & Hold
								12	4	4	4										
								MA/DI	-	-	-										
								V	A[8]	B[4]	A[4]										
01	STKP D2-1	9/26	11:15	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓			
02	STKP D2-2	9/26	11:30	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓			
03	STKP D2-3	9/26	11:45	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓			
04	STKP D2-4	9/26	12:00	✓	VOC	S	4	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓			

ANALYSIS REQUESTED

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: 09-27-11 19:19 IN

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: 9/27
Received by: (signature)		Date/Time: 9/27/11 0930
Relinquished by: (signature)		Date/Time: 9/27/11 1830
Received by: (signature)	3.4C	Date/Time: 9/27/11 18:36

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY

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

ACCREDITED IN ACCORDANCE WITH nelac
AIHA Accredited Laboratory
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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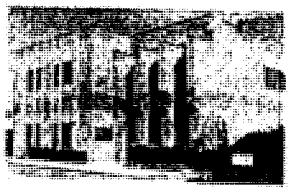
Sample Receipt Checklist



CLIENT NAME: TRC RECEIVED BY: C.C-S. DATE: 9/27/11

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

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 RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) Location where samples are stored: IQ

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	8
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4
Bisulfate _____ # DI Water 4 C.C-S. 8
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 09-27-11 19:19 IN

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 #: 11I0944
Project Location: New Bedford	RTN:

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

11I0944-01 thru 11I0944-04

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 (X)	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]
	<u>Data User Note:</u> 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: 10/06/11

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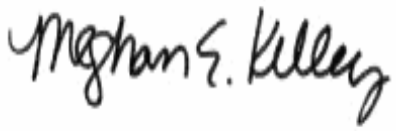
October 6, 2011

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

Project Location: NBHS RAM
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11I1040

Enclosed are results of analyses for samples received by the laboratory on September 28, 2011. 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: 10/6/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1040

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

PROJECT LOCATION: NBHS RAM

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-5	11I1040-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D2-6	11I1040-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/6/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1040

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

PROJECT LOCATION: NBHS RAM

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-7	11I1040-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 6010C

Qualifications:

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Chromium

11I1040-01[STKP D2-5], B038285-DUP1

SW-846 8081B

Qualifications:

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

Analyte & Samples(s) Qualified:

Endrin

B038186-BS1, B038186-BSD1

Opening calibration verification was within control criteria. Closing calibration verification was outside of criteria and biased on the low side. Re-analysis yielded similar non-conformance, matrix interference was confirmed.

Analyte & Samples(s) Qualified:

4,4'-DDT, 4,4'-DDT [2C], Methoxychlor, Methoxychlor [2C]

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7]

SW-846 8260C

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:

Vinyl Chloride

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7], B038266-BLK1, B038266-BS1, B038266-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:

Acetone, Chloromethane, Dichlorodifluoromethane (Freon 12)

B038266-BS1, B038266-BSD1

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

Analyte & Samples(s) Qualified:

Chloromethane, Dichlorodifluoromethane (Freon 12), Tetrahydrofuran

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7], B038266-BLK1, B038266-BS1, B038266-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

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7], B038266-BLK1, B038266-BS1, B038266-BSD1

SW-846 8270D

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

3/4-Methylphenol

B038362-BS1, B038362-BSD1

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

B038362-BLK1, B038362-BS1, B038362-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:

4-Chloroaniline, 4-Nitrophenol

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7], B038362-BLK1, B038362-BS1, B038362-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

B038362-BLK1, B038362-BS1, B038362-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:

4-Nitrophenol, Di-n-octylphthalate

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7]

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11I1040-01[STKP D2-5], 11I1040-02[STKP D2-6], 11I1040-03[STKP D2-7], B038244-DUP1

---

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SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Bromomethane	ND	0.0080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
2-Butanone (MEK)	ND	0.032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
n-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Carbon Disulfide	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Chlorodibromomethane	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Chloroethane	ND	0.0080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Chloromethane	ND	0.0080	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 7:43	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2-Dibromoethane (EDB)	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0080	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,3-Dichloropropane	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
cis-1,3-Dichloropropene	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
trans-1,3-Dichloropropene	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Diethyl Ether	ND	0.0080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Diisopropyl Ether (DIPE)	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,4-Dioxane	ND	0.080	mg/Kg dry	1	V-16	SW-846 8260C	9/29/11	9/30/11 7:43	MFF

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Methylene Chloride	ND	0.0080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Naphthalene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.00080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Tetrahydrofuran	ND	0.0080	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0080	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
Vinyl Chloride	ND	0.0080	mg/Kg dry	1	L-04	SW-846 8260C	9/29/11	9/30/11 7:43	MFF
m+p Xylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 7:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/30/11 7:43
Toluene-d8	95.8	70-130		9/30/11 7:43
4-Bromofluorobenzene	98.0	70-130		9/30/11 7:43

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Acenaphthylene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Acetophenone	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Aniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Anthracene	0.43	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Benzo(a)anthracene	1.5	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Benzo(a)pyrene	1.4	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Benzo(b)fluoranthene	1.9	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Benzo(g,h,i)perylene	0.61	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Benzo(k)fluoranthene	0.81	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Bis(2-chloroethoxy)methane	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Bis(2-chloroethyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Bis(2-chloroisopropyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
4-Bromophenylphenylether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	R-05	SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2-Chloronaphthalene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2-Chlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Chrysene	1.7	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Dibenz(a,h)anthracene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Dibenzofuran	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Di-n-butylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
1,2-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
1,3-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
1,4-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
3,3-Dichlorobenzidine	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4-Dichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Diethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4-Dimethylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,6-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	V-20	SW-846 8270D	10/3/11	10/5/11 23:31	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Fluoranthene	2.7	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Fluorene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Hexachlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Hexachlorobutadiene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Hexachloroethane	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Indeno(1,2,3-cd)pyrene	0.68	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Isophorone	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

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	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
3/4-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Naphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Nitrobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-20	SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Pentachlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Phenanthrene	1.8	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Phenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
Pyrene	2.5	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
1,2,4-Trichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4,5-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL
2,4,6-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/5/11 23:31	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	84.7	30-130		10/5/11 23:31
Phenol-d6	89.7	30-130		10/5/11 23:31
Nitrobenzene-d5	92.0	30-130		10/5/11 23:31
2-Fluorobiphenyl	96.8	30-130		10/5/11 23:31
2,4,6-Tribromophenol	78.4	30-130		10/5/11 23:31
Terphenyl-d14	66.9	30-130		10/5/11 23:31

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
alpha-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
beta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
delta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
gamma-BHC (Lindane) [1]	ND	0.0024	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Chlordane [1]	ND	0.024	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
4,4'-DDD [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
4,4'-DDE [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
4,4'-DDT [1]	ND	0.0047	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Dieldrin [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Endosulfan I [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Endosulfan II [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Endosulfan sulfate [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Endrin [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Endrin ketone [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Heptachlor [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Heptachlor epoxide [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Hexachlorobenzene [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:19	JMB
Methoxychlor [1]	ND	0.059	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		10/3/11 18:19
Decachlorobiphenyl [2]	130	30-150		10/3/11 18:19
Tetrachloro-m-xylene [1]	75.3	30-150		10/3/11 18:19
Tetrachloro-m-xylene [2]	76.5	30-150		10/3/11 18:19

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

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	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1254 [1]	1.6	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1260 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.9	30-150		10/4/11 9:43
Decachlorobiphenyl [2]	85.5	30-150		10/4/11 9:43
Tetrachloro-m-xylene [1]	72.9	30-150		10/4/11 9:43
Tetrachloro-m-xylene [2]	86.9	30-150		10/4/11 9:43

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

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	150	49	mg/Kg dry	5		SW-846 8100 Modified	10/3/11	10/6/11 12:21	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	51.6	40-140					10/6/11 12:21

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.0	3.0	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP
Barium	210	3.0	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP
Cadmium	1.6	0.30	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP
Chromium	19	0.59	mg/Kg dry	1	R-02	SW-846 6010C	9/30/11	10/3/11 10:51	OP
Lead	360	0.89	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP
Mercury	0.37	0.028	mg/Kg dry	1		SW-846 7471B	10/3/11	10/3/11 14:27	AMR
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP
Silver	ND	0.59	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 10:51	OP

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11I1040-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/29/11	9/29/11 12:25	VAK
pH @22.7°C	5.7		pH Units	1	H-03	SW-846 9045C	9/29/11	9/29/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/29/11	10/4/11 13:24	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/29/11	10/4/11 12:55	DEF
Specific conductance	3.0	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	85.0		% Wt	1		SM 2540G	10/4/11	10/5/11 9:46	ESH

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Bromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Carbon Disulfide	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Chloroethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 8:08	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Diethyl Ether	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Diisopropyl Ether (DIPE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,4-Dioxane	ND	0.069	mg/Kg dry	1	V-16	SW-846 8260C	9/29/11	9/30/11 8:08	MFF

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Methylene Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Tetrahydrofuran	ND	0.0069	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1	L-04	SW-846 8260C	9/29/11	9/30/11 8:08	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/30/11 8:08
Toluene-d8	96.4	70-130		9/30/11 8:08
4-Bromofluorobenzene	97.2	70-130		9/30/11 8:08

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Acetophenone	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Aniline	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Benzo(a)anthracene	0.89	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Benzo(a)pyrene	0.78	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Benzo(b)fluoranthene	1.0	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Benzo(g,h,i)perylene	0.40	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Benzo(k)fluoranthene	0.45	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Bis(2-chloroethoxy)methane	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Bis(2-chloroethyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Bis(2-chloroisopropyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
4-Bromophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	R-05	SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2-Chloronaphthalene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2-Chlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Chrysene	1.0	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Dibenzofuran	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Di-n-butylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
1,2-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
1,3-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
1,4-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4-Dichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Diethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4-Dimethylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,6-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	V-20	SW-846 8270D	10/3/11	10/6/11 0:00	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Fluoranthene	1.6	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Fluorene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Hexachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Hexachlorobutadiene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Hexachloroethane	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Indeno(1,2,3-cd)pyrene	0.43	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Isophorone	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

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	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
3/4-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Nitrobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-20	SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Pentachlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Phenanthrene	1.4	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Phenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
Pyrene	1.6	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
1,2,4-Trichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4,5-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL
2,4,6-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:00	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	73.8	30-130		10/6/11 0:00
Phenol-d6	77.2	30-130		10/6/11 0:00
Nitrobenzene-d5	79.6	30-130		10/6/11 0:00
2-Fluorobiphenyl	74.0	30-130		10/6/11 0:00
2,4,6-Tribromophenol	82.3	30-130		10/6/11 0:00
Terphenyl-d14	66.2	30-130		10/6/11 0:00

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
alpha-BHC [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
beta-BHC [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
delta-BHC [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
gamma-BHC (Lindane) [1]	ND	0.0023	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Chlordane [1]	ND	0.023	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
4,4'-DDD [1]	ND	0.0046	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
4,4'-DDE [1]	ND	0.0046	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
4,4'-DDT [1]	ND	0.0046	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Dieldrin [1]	ND	0.0046	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Endosulfan I [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Endosulfan II [1]	ND	0.0093	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Endosulfan sulfate [1]	ND	0.0093	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Endrin [1]	ND	0.0093	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Endrin ketone [1]	ND	0.0093	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Heptachlor [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Heptachlor epoxide [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Hexachlorobenzene [1]	ND	0.0058	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:37	JMB
Methoxychlor [1]	ND	0.058	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		10/3/11 18:37
Decachlorobiphenyl [2]	119	30-150		10/3/11 18:37
Tetrachloro-m-xylene [1]	74.0	30-150		10/3/11 18:37
Tetrachloro-m-xylene [2]	77.7	30-150		10/3/11 18:37

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

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 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1254 [2]	1.2	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 20:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.0	30-150		10/4/11 20:14
Decachlorobiphenyl [2]	91.3	30-150		10/4/11 20:14
Tetrachloro-m-xylene [1]	84.1	30-150		10/4/11 20:14
Tetrachloro-m-xylene [2]	94.5	30-150		10/4/11 20:14

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

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	180	48	mg/Kg dry	5		SW-846 8100 Modified	10/3/11	10/6/11 12:40	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	52.6	40-140					10/6/11 12:40

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Barium	370	2.8	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Cadmium	2.5	0.28	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Chromium	22	0.56	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Lead	420	0.84	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Mercury	0.27	0.029	mg/Kg dry	1		SW-846 7471B	10/3/11	10/3/11 14:29	AMR
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:11	OP

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11I1040-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/29/11	9/29/11 12:25	VAK
pH @22.5°C	5.7		pH Units	1	H-03	SW-846 9045C	9/29/11	9/29/11 10:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/29/11	10/4/11 13:24	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/29/11	10/4/11 12:55	DEF
Specific conductance	3.6	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	86.4		% Wt	1		SM 2540G	10/4/11	10/5/11 9:46	ESH

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Bromomethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Carbon Disulfide	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Chlorodibromomethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Chloroethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Chloromethane	ND	0.0097	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 8:34	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2-Dibromoethane (EDB)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0097	mg/Kg dry	1	V-05	SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,3-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
cis-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
trans-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Diethyl Ether	ND	0.0097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Diisopropyl Ether (DIPE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,4-Dioxane	ND	0.097	mg/Kg dry	1	V-16	SW-846 8260C	9/29/11	9/30/11 8:34	MFF

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Methylene Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Tetrahydrofuran	ND	0.0097	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
Vinyl Chloride	ND	0.0097	mg/Kg dry	1	L-04	SW-846 8260C	9/29/11	9/30/11 8:34	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/29/11	9/30/11 8:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/30/11 8:34
Toluene-d8	97.3	70-130		9/30/11 8:34
4-Bromofluorobenzene	97.3	70-130		9/30/11 8:34

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Acenaphthylene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Acetophenone	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Aniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Anthracene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Benzo(a)anthracene	0.85	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Benzo(a)pyrene	0.78	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Benzo(b)fluoranthene	1.0	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Benzo(g,h,i)perylene	0.44	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Benzo(k)fluoranthene	0.46	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Bis(2-chloroethoxy)methane	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Bis(2-chloroethyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Bis(2-chloroisopropyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
4-Bromophenylphenylether	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	R-05	SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2-Chloronaphthalene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2-Chlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Chrysene	0.96	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Dibenz(a,h)anthracene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Dibenzofuran	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Di-n-butylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
1,2-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
1,3-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
1,4-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
3,3-Dichlorobenzidine	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4-Dichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Diethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4-Dimethylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,6-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	V-20	SW-846 8270D	10/3/11	10/6/11 0:28	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Fluoranthene	1.6	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Fluorene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Hexachlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Hexachlorobutadiene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Hexachloroethane	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Indeno(1,2,3-cd)pyrene	0.44	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Isophorone	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

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	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
3/4-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Naphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Nitrobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-20	SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Pentachlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Phenanthrene	1.2	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Phenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
Pyrene	1.4	0.40	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
1,2,4-Trichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4,5-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL
2,4,6-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 0:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	76.6	30-130		10/6/11 0:28
Phenol-d6	83.4	30-130		10/6/11 0:28
Nitrobenzene-d5	85.7	30-130		10/6/11 0:28
2-Fluorobiphenyl	92.8	30-130		10/6/11 0:28
2,4,6-Tribromophenol	70.6	30-130		10/6/11 0:28
Terphenyl-d14	63.7	30-130		10/6/11 0:28

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
alpha-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
beta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
delta-BHC [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
gamma-BHC (Lindane) [1]	ND	0.0023	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Chlordane [1]	ND	0.023	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
4,4'-DDD [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
4,4'-DDE [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
4,4'-DDT [1]	ND	0.0047	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Dieldrin [1]	ND	0.0047	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Endosulfan I [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Endosulfan II [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Endosulfan sulfate [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Endrin [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Endrin ketone [1]	ND	0.0094	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Heptachlor [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Heptachlor epoxide [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Hexachlorobenzene [1]	ND	0.0059	mg/Kg dry	1		SW-846 8081B	9/29/11	10/3/11 18:55	JMB
Methoxychlor [1]	ND	0.059	mg/Kg dry	1	V-26	SW-846 8081B	9/29/11	10/3/11 18:55	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		10/3/11 18:55
Decachlorobiphenyl [2]	116	30-150		10/3/11 18:55
Tetrachloro-m-xylene [1]	67.8	30-150		10/3/11 18:55
Tetrachloro-m-xylene [2]	71.4	30-150		10/3/11 18:55

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

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	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1254 [2]	1.9	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1260 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/5/11 8:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.2	30-150		10/5/11 8:57
Decachlorobiphenyl [2]	93.2	30-150		10/5/11 8:57
Tetrachloro-m-xylene [1]	80.4	30-150		10/5/11 8:57
Tetrachloro-m-xylene [2]	95.9	30-150		10/5/11 8:57

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

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	170	48	mg/Kg dry	5		SW-846 8100 Modified	10/3/11	10/6/11 12:58	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	52.3	40-140					10/6/11 12:58

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Barium	200	2.9	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Cadmium	1.5	0.29	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Chromium	19	0.57	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Lead	330	0.86	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Mercury	0.34	0.029	mg/Kg dry	1		SW-846 7471B	9/30/11	10/3/11 13:18	AMR
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	9/30/11	10/3/11 16:16	OP

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Project Location: NBHS RAM | Sample Description: | Work Order: 11I1040

Date Received: 9/28/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11I1040-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 22:30	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/29/11	9/29/11 12:25	VAK
pH @23.5°C	5.5		pH Units	1	H-03	SW-846 9045C	9/29/11	9/29/11 10:30	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	9/29/11	10/4/11 13:24	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/29/11	10/4/11 12:55	DEF
Specific conductance	3.8	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	85.3		% Wt	1		SM 2540G	10/4/11	10/5/11 9:46	ESH

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I1040-01 [STKP D2-5]	B038499	10/04/11
11I1040-02 [STKP D2-6]	B038499	10/04/11
11I1040-03 [STKP D2-7]	B038499	10/04/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1040-01 [STKP D2-5]	B038405	1.00	10/03/11
11I1040-02 [STKP D2-6]	B038405	1.00	10/03/11
11I1040-03 [STKP D2-7]	B038405	1.00	10/03/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038333	50.0	50.0	09/30/11
11I1040-02 [STKP D2-6]	B038333	50.0	50.0	09/30/11
11I1040-03 [STKP D2-7]	B038333	50.0	50.0	09/30/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038214	50.0	50.0	09/29/11
11I1040-02 [STKP D2-6]	B038214	50.0	50.0	09/29/11
11I1040-03 [STKP D2-7]	B038214	50.0	50.0	09/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038285	0.994	50.0	09/30/11
11I1040-02 [STKP D2-6]	B038285	1.03	50.0	09/30/11
11I1040-03 [STKP D2-7]	B038285	1.02	50.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-03 [STKP D2-7]	B038302	0.602	50.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038371	0.619	50.0	10/03/11
11I1040-02 [STKP D2-6]	B038371	0.602	50.0	10/03/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038186	10.0	10.0	09/29/11
11I1040-02 [STKP D2-6]	B038186	10.0	10.0	09/29/11
11I1040-03 [STKP D2-7]	B038186	10.0	10.0	09/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038361	10.1	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-02 [STKP D2-6]	B038399	10.3	50.0	10/03/11
11I1040-03 [STKP D2-7]	B038399	10.2	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038453	30.2	1.00	10/03/11
11I1040-02 [STKP D2-6]	B038453	30.1	1.00	10/03/11
11I1040-03 [STKP D2-7]	B038453	30.3	1.00	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038266	7.39	10.0	09/29/11
11I1040-02 [STKP D2-6]	B038266	8.43	10.0	09/29/11
11I1040-03 [STKP D2-7]	B038266	6.04	10.0	09/29/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038362	30.3	2.00	10/03/11
11I1040-02 [STKP D2-6]	B038362	30.3	2.00	10/03/11
11I1040-03 [STKP D2-7]	B038362	30.2	2.00	10/03/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038242	25.3	250	09/29/11
11I1040-02 [STKP D2-6]	B038242	25.4	250	09/29/11
11I1040-03 [STKP D2-7]	B038242	25.3	250	09/29/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1040-01 [STKP D2-5]	B038243	25.3	250	09/29/11
11I1040-02 [STKP D2-6]	B038243	25.4	250	09/29/11
11I1040-03 [STKP D2-7]	B038243	25.3	250	09/29/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1040-01 [STKP D2-5]	B038244	20.0	09/29/11
11I1040-02 [STKP D2-6]	B038244	20.0	09/29/11
11I1040-03 [STKP D2-7]	B038244	20.0	09/29/11

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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 B038266 - SW-846 5035										
Blank (B038266-BLK1)				Prepared & Analyzed: 09/30/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	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	0.0020	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	0.0040	mg/Kg wet							

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 B038266 - SW-846 5035											
Blank (B038266-BLK1)				Prepared & Analyzed: 09/30/11							
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-05, V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
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							L-04	
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0531*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
LCS (B038266-BS1)				Prepared & Analyzed: 09/30/11							
Acetone	0.278	0.10	mg/Kg wet	0.200		139	40-160			L-14	†
tert-Amyl Methyl Ether (TAME)	0.0179	0.0010	mg/Kg wet	0.0200		89.3	70-130				
Benzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
Bromochloromethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromoform	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromomethane	0.0160	0.010	mg/Kg wet	0.0200		80.1	40-160				†
2-Butanone (MEK)	0.198	0.040	mg/Kg wet	0.200		99.1	40-160				†
n-Butylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130				
sec-Butylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130				
tert-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0158	0.0010	mg/Kg wet	0.0200		78.8	70-130				
Carbon Disulfide	0.0199	0.0060	mg/Kg wet	0.0200		99.4	70-130				
Carbon Tetrachloride	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130				
Chlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Chlorodibromomethane	0.0219	0.0010	mg/Kg wet	0.0200		110	70-130				
Chloroethane	0.0178	0.010	mg/Kg wet	0.0200		89.2	70-130				
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130				
Chloromethane	0.0113	0.010	mg/Kg wet	0.0200		56.4	40-160			L-14, V-05	†
2-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
4-Chlorotoluene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130				
1,2-Dibromoethane (EDB)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130				
Dibromomethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
1,2-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
1,3-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
1,4-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				

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 B038266 - SW-846 5035												
LCS (B038266-BS1)				Prepared & Analyzed: 09/30/11								
Dichlorodifluoromethane (Freon 12)	0.00964	0.010	mg/Kg wet	0.0200		48.2		40-160			L-14, V-05	†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,2-Dichloroethane	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1-Dichloroethylene	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
trans-1,2-Dichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,3-Dichloropropane	0.0210	0.0010	mg/Kg wet	0.0200		105		70-130				
2,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
trans-1,3-Dichloropropene	0.0229	0.0010	mg/Kg wet	0.0200		115		70-130				
Diethyl Ether	0.0185	0.010	mg/Kg wet	0.0200		92.7		70-130				
Diisopropyl Ether (DIPE)	0.0184	0.0010	mg/Kg wet	0.0200		92.1		70-130				
1,4-Dioxane	0.185	0.10	mg/Kg wet	0.200		92.4		40-160			V-16	†
Ethylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Hexachlorobutadiene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
2-Hexanone (MBK)	0.203	0.020	mg/Kg wet	0.200		101		40-160				†
Isopropylbenzene (Cumene)	0.0255	0.0020	mg/Kg wet	0.0200		127		70-130				
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0195	0.0040	mg/Kg wet	0.0200		97.7		70-130				
Methylene Chloride	0.0217	0.010	mg/Kg wet	0.0200		108		70-130				
4-Methyl-2-pentanone (MIBK)	0.191	0.020	mg/Kg wet	0.200		95.5		40-160				†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.4		70-130				
n-Propylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Styrene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
1,1,1,2-Tetrachloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1,2,2-Tetrachloroethane	0.0205	0.0010	mg/Kg wet	0.0200		103		70-130				
Tetrachloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
Tetrahydrofuran	0.0170	0.010	mg/Kg wet	0.0200		85.1		70-130			V-16, V-05	
Toluene	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2,3-Trichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
1,2,4-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,1,1-Trichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1,2-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Trichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Trichlorofluoromethane (Freon 11)	0.0187	0.010	mg/Kg wet	0.0200		93.7		70-130				
1,2,3-Trichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130				
1,2,4-Trimethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
1,3,5-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Vinyl Chloride	0.0119	0.010	mg/Kg wet	0.0200		**59.5**	*	70-130			L-04	
m+p Xylene	0.0439	0.0040	mg/Kg wet	0.0400		110		70-130				
o-Xylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0524*		mg/Kg wet	0.0500		105		70-130				
Surrogate: Toluene-d8	*0.0503*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0502*		mg/Kg wet	0.0500		100		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 B038266 - SW-846 5035											
LCS Dup (B038266-BSD1)				Prepared & Analyzed: 09/30/11							
Acetone	0.241	0.10	mg/Kg wet	0.200		121	40-160	14.0	20		†
tert-Amyl Methyl Ether (TAME)	0.0163	0.0010	mg/Kg wet	0.0200		81.4	70-130	9.26	20		
Benzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	13.7	20		
Bromobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130	10.9	20		
Bromochloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	13.2	20		
Bromodichloromethane	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130	12.9	20		
Bromoform	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130	10.5	20		
Bromomethane	0.0144	0.010	mg/Kg wet	0.0200		71.8	40-160	10.9	20		†
2-Butanone (MEK)	0.174	0.040	mg/Kg wet	0.200		87.1	40-160	12.9	20		†
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130	12.9	20		
sec-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	12.9	20		
tert-Butylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	11.8	20		
tert-Butyl Ethyl Ether (TBEE)	0.0143	0.0010	mg/Kg wet	0.0200		71.5	70-130	9.71	20		
Carbon Disulfide	0.0173	0.0060	mg/Kg wet	0.0200		86.3	70-130	14.1	20		
Carbon Tetrachloride	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	14.8	20		
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	10.4	20		
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130	11.9	20		
Chloroethane	0.0163	0.010	mg/Kg wet	0.0200		81.4	70-130	9.14	20		
Chloroform	0.0198	0.0040	mg/Kg wet	0.0200		99.2	70-130	10.1	20		
Chloromethane	0.0104	0.010	mg/Kg wet	0.0200		51.9	40-160	8.31	20	L-14, V-05	†
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	10.9	20		
4-Chlorotoluene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	12.7	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	11.5	20		
1,2-Dibromoethane (EDB)	0.0194	0.0010	mg/Kg wet	0.0200		97.1	70-130	12.5	20		
Dibromomethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	12.5	20		
1,2-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	10.1	20		
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	8.46	20		
1,4-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	11.8	20		
Dichlorodifluoromethane (Freon 12)	0.00824	0.010	mg/Kg wet	0.0200		41.2	40-160	15.7	20	L-14, V-05	†
1,1-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130	12.7	20		
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	13.3	20		
1,1-Dichloroethylene	0.0179	0.0040	mg/Kg wet	0.0200		89.3	70-130	12.5	20		
cis-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130	11.9	20		
trans-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	12.1	20		
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130	12.9	20		
1,3-Dichloropropane	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130	11.4	20		
2,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130	14.5	20		
1,1-Dichloropropene	0.0177	0.0020	mg/Kg wet	0.0200		88.3	70-130	15.6	20		
cis-1,3-Dichloropropene	0.0177	0.0010	mg/Kg wet	0.0200		88.3	70-130	14.7	20		
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.5	70-130	15.2	20		
Diethyl Ether	0.0178	0.010	mg/Kg wet	0.0200		88.8	70-130	4.30	20		
Diisopropyl Ether (DIPE)	0.0163	0.0010	mg/Kg wet	0.0200		81.7	70-130	12.0	20		
1,4-Dioxane	0.157	0.10	mg/Kg wet	0.200		78.6	40-160	16.1	20	V-16	†
Ethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	12.5	20		
Hexachlorobutadiene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	10.1	20		
2-Hexanone (MBK)	0.174	0.020	mg/Kg wet	0.200		86.9	40-160	15.4	20		†
Isopropylbenzene (Cumene)	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	12.1	20		
p-Isopropyltoluene (p-Cymene)	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	11.6	20		
Methyl tert-Butyl Ether (MTBE)	0.0173	0.0040	mg/Kg wet	0.0200		86.3	70-130	12.4	20		
Methylene Chloride	0.0196	0.010	mg/Kg wet	0.0200		98.2	70-130	9.78	20		
4-Methyl-2-pentanone (MIBK)	0.168	0.020	mg/Kg wet	0.200		83.9	40-160	12.9	20		†
Naphthalene	0.0165	0.0040	mg/Kg wet	0.0200		82.3	70-130	10.5	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 B038266 - SW-846 5035											
LCS Dup (B038266-BSD1)				Prepared & Analyzed: 09/30/11							
n-Propylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130	12.4	20	
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130	10.9	20	
1,1,1,2-Tetrachloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	10.7	20	
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.0		70-130	12.1	20	
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	15.4	20	
Tetrahydrofuran	0.0166	0.010	mg/Kg wet	0.0200		82.9		70-130	2.62	20	V-05, V-16
Toluene	0.0183	0.0020	mg/Kg wet	0.0200		91.7		70-130	13.1	20	
1,2,3-Trichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.9		70-130	14.9	20	
1,2,4-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1		70-130	12.9	20	
1,1,1-Trichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.1		70-130	13.6	20	
1,1,2-Trichloroethane	0.0177	0.0020	mg/Kg wet	0.0200		88.7		70-130	12.6	20	
Trichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	14.3	20	
Trichlorofluoromethane (Freon 11)	0.0165	0.010	mg/Kg wet	0.0200		82.7		70-130	12.5	20	
1,2,3-Trichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		89.1		70-130	7.56	20	
1,2,4-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130	12.0	20	
1,3,5-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5		70-130	11.7	20	
Vinyl Chloride	0.0107	0.010	mg/Kg wet	0.0200		**53.4**	*	70-130	10.8	20	L-04
m+p Xylene	0.0393	0.0040	mg/Kg wet	0.0400		98.2		70-130	11.1	20	
o-Xylene	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130	11.6	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0517*		mg/Kg wet	0.0500		103		70-130			
Surrogate: Toluene-d8	*0.0486*		mg/Kg wet	0.0500		97.1		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.0500		99.0		70-130			

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 B038362 - SW-846 3546										
Blank (B038362-BLK1)				Prepared: 10/03/11 Analyzed: 10/05/11						
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							L-15, R-05
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							R-05
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 B038362 - SW-846 3546												
Blank (B038362-BLK1)				Prepared: 10/03/11 Analyzed: 10/05/11								
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	*7.55*		mg/Kg wet	6.67		113		30-130				
Surrogate: Phenol-d6	*7.50*		mg/Kg wet	6.67		113		30-130				
Surrogate: Nitrobenzene-d5	*3.16*		mg/Kg wet	3.33		94.7		30-130				
Surrogate: 2-Fluorobiphenyl	*3.81*		mg/Kg wet	3.33		114		30-130				
Surrogate: 2,4,6-Tribromophenol	*8.79*		mg/Kg wet	6.67		**132**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*3.97*		mg/Kg wet	3.33		119		30-130				
LCS (B038362-BS1)				Prepared: 10/03/11 Analyzed: 10/05/11								
Acenaphthene	1.78	0.17	mg/Kg wet	1.67		107		40-140				
Acenaphthylene	1.65	0.17	mg/Kg wet	1.67		98.9		40-140				
Acetophenone	1.89	0.34	mg/Kg wet	1.67		113		40-140				
Aniline	1.02	0.34	mg/Kg wet	1.67		60.9		40-140				
Anthracene	1.75	0.17	mg/Kg wet	1.67		105		40-140				
Benzo(a)anthracene	1.79	0.17	mg/Kg wet	1.67		107		40-140				
Benzo(a)pyrene	1.77	0.17	mg/Kg wet	1.67		106		40-140				
Benzo(b)fluoranthene	1.92	0.17	mg/Kg wet	1.67		115		40-140				
Benzo(g,h,i)perylene	1.21	0.17	mg/Kg wet	1.67		72.8		40-140				
Benzo(k)fluoranthene	1.76	0.17	mg/Kg wet	1.67		106		40-140				
Bis(2-chloroethoxy)methane	1.61	0.34	mg/Kg wet	1.67		96.7		40-140				
Bis(2-chloroethyl)ether	1.64	0.34	mg/Kg wet	1.67		98.2		40-140				
Bis(2-chloroisopropyl)ether	1.69	0.34	mg/Kg wet	1.67		102		40-140				
Bis(2-Ethylhexyl)phthalate	1.74	0.34	mg/Kg wet	1.67		104		40-140				
4-Bromophenylphenylether	1.75	0.34	mg/Kg wet	1.67		105		40-140				
Butylbenzylphthalate	1.71	0.66	mg/Kg wet	1.67		103		40-140				
4-Chloroaniline	0.358	0.66	mg/Kg wet	1.67		21.5		15-140			L-15, R-05	†
2-Chloronaphthalene	1.42	0.34	mg/Kg wet	1.67		85.4		40-140				
2-Chlorophenol	1.57	0.34	mg/Kg wet	1.67		94.0		30-130				
Chrysene	1.65	0.17	mg/Kg wet	1.67		99.1		40-140				
Dibenz(a,h)anthracene	1.41	0.17	mg/Kg wet	1.67		84.4		40-140				
Dibenzofuran	1.74	0.34	mg/Kg wet	1.67		104		40-140				
Di-n-butylphthalate	1.88	0.34	mg/Kg wet	1.67		113		40-140				
1,2-Dichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.1		40-140				
1,3-Dichlorobenzene	1.50	0.34	mg/Kg wet	1.67		89.8		40-140				
1,4-Dichlorobenzene	1.53	0.34	mg/Kg wet	1.67		92.1		40-140				
3,3-Dichlorobenzidine	1.06	0.17	mg/Kg wet	1.67		63.6		40-140				
2,4-Dichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.5		30-130				
Diethylphthalate	1.81	0.34	mg/Kg wet	1.67		109		40-140				
2,4-Dimethylphenol	1.68	0.34	mg/Kg wet	1.67		101		30-130				
Dimethylphthalate	1.75	0.66	mg/Kg wet	1.67		105		40-140				
2,4-Dinitrophenol	1.52	0.66	mg/Kg wet	1.67		91.5		15-140				†
2,4-Dinitrotoluene	1.74	0.34	mg/Kg wet	1.67		104		40-140				
2,6-Dinitrotoluene	1.68	0.34	mg/Kg wet	1.67		101		40-140				
Di-n-octylphthalate	1.99	0.66	mg/Kg wet	1.67		120		40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.75	0.34	mg/Kg wet	1.67		105		40-140				
Fluoranthene	1.79	0.17	mg/Kg wet	1.67		107		40-140				
Fluorene	1.99	0.17	mg/Kg wet	1.67		120		40-140				
Hexachlorobenzene	1.78	0.34	mg/Kg wet	1.67		107		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 B038362 - SW-846 3546												
LCS (B038362-BS1)				Prepared: 10/03/11 Analyzed: 10/05/11								
Hexachlorobutadiene	1.77	0.34	mg/Kg wet	1.67		106		40-140				
Hexachloroethane	1.86	0.34	mg/Kg wet	1.67		111		40-140				
Indeno(1,2,3-cd)pyrene	1.34	0.17	mg/Kg wet	1.67		80.3		40-140				
Isophorone	1.66	0.34	mg/Kg wet	1.67		99.5		40-140				
2-Methylnaphthalene	1.69	0.17	mg/Kg wet	1.67		101		40-140				
2-Methylphenol	1.55	0.34	mg/Kg wet	1.67		93.2		30-130				
3/4-Methylphenol	2.40	0.34	mg/Kg wet	1.67		**144**	*	30-130			L-02	
Naphthalene	1.66	0.17	mg/Kg wet	1.67		99.7		40-140				
Nitrobenzene	1.58	0.34	mg/Kg wet	1.67		94.5		40-140				
2-Nitrophenol	1.62	0.34	mg/Kg wet	1.67		97.4		30-130				
4-Nitrophenol	1.31	0.66	mg/Kg wet	1.67		78.4		15-140			R-05	†
Pentachlorophenol	1.88	0.34	mg/Kg wet	1.67		113		30-130				
Phenanthrene	1.75	0.17	mg/Kg wet	1.67		105		40-140				
Phenol	1.60	0.34	mg/Kg wet	1.67		95.8		15-140				†
Pyrene	1.64	0.17	mg/Kg wet	1.67		98.2		40-140				
1,2,4-Trichlorobenzene	1.71	0.34	mg/Kg wet	1.67		103		40-140				
2,4,5-Trichlorophenol	1.65	0.34	mg/Kg wet	1.67		98.8		30-130				
2,4,6-Trichlorophenol	1.72	0.34	mg/Kg wet	1.67		103		30-130				
Surrogate: 2-Fluorophenol	*7.19*		mg/Kg wet	6.67		108		30-130				
Surrogate: Phenol-d6	*6.75*		mg/Kg wet	6.67		101		30-130				
Surrogate: Nitrobenzene-d5	*3.41*		mg/Kg wet	3.33		102		30-130				
Surrogate: 2-Fluorobiphenyl	*3.96*		mg/Kg wet	3.33		119		30-130				
Surrogate: 2,4,6-Tribromophenol	*10.4*		mg/Kg wet	6.67		**156**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*4.05*		mg/Kg wet	3.33		121		30-130				
LCS Dup (B038362-BSD1)				Prepared: 10/03/11 Analyzed: 10/05/11								
Acenaphthene	1.79	0.17	mg/Kg wet	1.67		108		40-140	0.485	30		
Acenaphthylene	1.68	0.17	mg/Kg wet	1.67		101		40-140	1.88	30		
Acetophenone	1.77	0.34	mg/Kg wet	1.67		106		40-140	6.27	30		
Aniline	0.986	0.34	mg/Kg wet	1.67		59.1		40-140	3.00	30		
Anthracene	1.80	0.17	mg/Kg wet	1.67		108		40-140	2.79	30		
Benzo(a)anthracene	1.88	0.17	mg/Kg wet	1.67		113		40-140	5.06	30		
Benzo(a)pyrene	1.78	0.17	mg/Kg wet	1.67		107		40-140	0.788	30		
Benzo(b)fluoranthene	1.95	0.17	mg/Kg wet	1.67		117		40-140	1.77	30		
Benzo(g,h,i)perylene	1.31	0.17	mg/Kg wet	1.67		78.3		40-140	7.36	30		
Benzo(k)fluoranthene	1.74	0.17	mg/Kg wet	1.67		104		40-140	1.33	30		
Bis(2-chloroethoxy)methane	1.55	0.34	mg/Kg wet	1.67		93.2		40-140	3.71	30		
Bis(2-chloroethyl)ether	1.55	0.34	mg/Kg wet	1.67		92.7		40-140	5.68	30		
Bis(2-chloroisopropyl)ether	1.57	0.34	mg/Kg wet	1.67		94.1		40-140	7.59	30		
Bis(2-Ethylhexyl)phthalate	1.84	0.34	mg/Kg wet	1.67		110		40-140	5.72	30		
4-Bromophenylphenylether	1.77	0.34	mg/Kg wet	1.67		106		40-140	1.04	30		
Butylbenzylphthalate	1.77	0.66	mg/Kg wet	1.67		106		40-140	3.65	30		
4-Chloroaniline	0.522	0.66	mg/Kg wet	1.67		31.3		15-140	**37.3**	* 30	L-15, R-05	†
2-Chloronaphthalene	1.59	0.34	mg/Kg wet	1.67		95.4		40-140	11.1	30		
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.3		30-130	7.35	30		
Chrysene	1.74	0.17	mg/Kg wet	1.67		104		40-140	5.13	30		
Dibenz(a,h)anthracene	1.48	0.17	mg/Kg wet	1.67		88.7		40-140	5.04	30		
Dibenzofuran	1.74	0.34	mg/Kg wet	1.67		104		40-140	0.0768	30		
Di-n-butylphthalate	1.93	0.34	mg/Kg wet	1.67		116		40-140	2.75	30		
1,2-Dichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.4		40-140	5.46	30		
1,3-Dichlorobenzene	1.43	0.34	mg/Kg wet	1.67		86.1		40-140	4.21	30		
1,4-Dichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.3		40-140	3.02	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 B038362 - SW-846 3546													
LCS Dup (B038362-BSD1)				Prepared: 10/03/11 Analyzed: 10/05/11									
3,3-Dichlorobenzidine	1.28	0.17	mg/Kg wet	1.67		76.9		40-140	18.9		30		
2,4-Dichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.4		30-130	0.0804		30		
Diethylphthalate	1.75	0.34	mg/Kg wet	1.67		105		40-140	3.73		30		
2,4-Dimethylphenol	1.75	0.34	mg/Kg wet	1.67		105		30-130	4.34		30		
Dimethylphthalate	1.77	0.66	mg/Kg wet	1.67		106		40-140	1.06		30		
2,4-Dinitrophenol	1.52	0.66	mg/Kg wet	1.67		91.3		15-140	0.197		30		†
2,4-Dinitrotoluene	1.68	0.34	mg/Kg wet	1.67		101		40-140	3.35		30		
2,6-Dinitrotoluene	1.67	0.34	mg/Kg wet	1.67		99.9		40-140	0.797		30		
Di-n-octylphthalate	1.91	0.66	mg/Kg wet	1.67		115		40-140	4.31		30		
1,2-Diphenylhydrazine (as Azobenzene)	1.74	0.34	mg/Kg wet	1.67		104		40-140	0.916		30		
Fluoranthene	1.84	0.17	mg/Kg wet	1.67		111		40-140	3.10		30		
Fluorene	1.96	0.17	mg/Kg wet	1.67		118		40-140	1.43		30		
Hexachlorobenzene	1.88	0.34	mg/Kg wet	1.67		113		40-140	5.49		30		
Hexachlorobutadiene	1.72	0.34	mg/Kg wet	1.67		103		40-140	2.80		30		
Hexachloroethane	1.78	0.34	mg/Kg wet	1.67		107		40-140	4.44		30		
Indeno(1,2,3-cd)pyrene	1.44	0.17	mg/Kg wet	1.67		86.2		40-140	7.06		30		
Isophorone	1.62	0.34	mg/Kg wet	1.67		97.0		40-140	2.52		30		
2-Methylnaphthalene	1.62	0.17	mg/Kg wet	1.67		97.0		40-140	4.39		30		
2-Methylphenol	1.47	0.34	mg/Kg wet	1.67		88.5		30-130	5.20		30		
3/4-Methylphenol	2.41	0.34	mg/Kg wet	1.67		**145**	*	30-130	0.347		30	L-02	
Naphthalene	1.58	0.17	mg/Kg wet	1.67		94.9		40-140	4.97		30		
Nitrobenzene	1.55	0.34	mg/Kg wet	1.67		92.9		40-140	1.79		30		
2-Nitrophenol	1.58	0.34	mg/Kg wet	1.67		94.5		30-130	3.02		30		
4-Nitrophenol	1.80	0.66	mg/Kg wet	1.67		108		15-140	**31.5**	*	30	R-05	†
Pentachlorophenol	1.83	0.34	mg/Kg wet	1.67		110		30-130	3.03		30		
Phenanthrene	1.87	0.17	mg/Kg wet	1.67		112		40-140	6.68		30		
Phenol	1.53	0.34	mg/Kg wet	1.67		91.9		15-140	4.20		30		†
Pyrene	1.72	0.17	mg/Kg wet	1.67		103		40-140	4.89		30		
1,2,4-Trichlorobenzene	1.64	0.34	mg/Kg wet	1.67		98.3		40-140	4.49		30		
2,4,5-Trichlorophenol	1.63	0.34	mg/Kg wet	1.67		97.7		30-130	1.08		30		
2,4,6-Trichlorophenol	1.78	0.34	mg/Kg wet	1.67		107		30-130	3.10		30		
Surrogate: 2-Fluorophenol	*6.46*		mg/Kg wet	6.67		96.9		30-130					
Surrogate: Phenol-d6	*6.21*		mg/Kg wet	6.67		93.1		30-130					
Surrogate: Nitrobenzene-d5	*3.24*		mg/Kg wet	3.33		97.3		30-130					
Surrogate: 2-Fluorobiphenyl	*3.92*		mg/Kg wet	3.33		117		30-130					
Surrogate: 2,4,6-Tribromophenol	*9.49*		mg/Kg wet	6.67		**142**	*	30-130				S-07	
Surrogate: Terphenyl-d14	*3.96*		mg/Kg wet	3.33		119		30-130					

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038186 - SW-846 3546										
Blank (B038186-BLK1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.173*		mg/Kg wet	0.200		86.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.192*		mg/Kg wet	0.200		96.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.164*		mg/Kg wet	0.200		82.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		89.0	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038186 - SW-846 3546										
LCS (B038186-BS1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Aldrin	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
Aldrin [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
alpha-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
beta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		116	40-140			
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		118	40-140			
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		122	40-140			
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140			
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		120	40-140			
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		122	40-140			
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		118	40-140			
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
Endosulfan II	0.025	0.0080	mg/Kg wet	0.0200		123	40-140			
Endosulfan II [2C]	0.024	0.0080	mg/Kg wet	0.0200		120	40-140			
Endosulfan Sulfate	0.025	0.0080	mg/Kg wet	0.0200		123	40-140			
Endosulfan Sulfate [2C]	0.025	0.0080	mg/Kg wet	0.0200		124	40-140			
Endrin	0.022	0.0080	mg/Kg wet	0.0200		108	40-140			V-05
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		121	40-140			
Endrin Ketone [2C]	0.024	0.0080	mg/Kg wet	0.0200		120	40-140			
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
Heptachlor [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140			
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Hexachlorobenzene [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Methoxychlor	0.023	0.050	mg/Kg wet	0.0200		117	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		120	40-140			
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.185*		mg/Kg wet	0.200		92.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		98.1	30-150			
LCS Dup (B038186-BSD1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Aldrin	0.024	0.0050	mg/Kg wet	0.0200		121	40-140	0.268	30	
Aldrin [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.17	30	
alpha-BHC	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	0.450	30	
alpha-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	0.670	30	
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	1.11	30	
beta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	0.999	30	
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	0.547	30	
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	0.767	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		117	40-140	0.176	30	
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		119	40-140	0.897	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038186 - SW-846 3546										
LCS Dup (B038186-BSD1)				Prepared: 09/29/11 Analyzed: 10/03/11						
4,4'-DDD	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	0.847	30	
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		127	40-140	3.27	30	
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	0.270	30	
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		124	40-140	1.65	30	
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	1.20	30	
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	2.31	30	
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	0.646	30	
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	1.81	30	
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	0.488	30	
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		127	40-140	1.53	30	
Endosulfan II	0.025	0.0080	mg/Kg wet	0.0200		125	40-140	1.74	30	
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		125	40-140	4.16	30	
Endosulfan Sulfate	0.025	0.0080	mg/Kg wet	0.0200		126	40-140	2.38	30	
Endosulfan Sulfate [2C]	0.026	0.0080	mg/Kg wet	0.0200		128	40-140	2.95	30	
Endrin	0.020	0.0080	mg/Kg wet	0.0200		102	40-140	5.82	30	V-05
Endrin [2C]	0.020	0.0080	mg/Kg wet	0.0200		101	40-140	3.55	30	
Endrin Ketone	0.025	0.0080	mg/Kg wet	0.0200		126	40-140	3.75	30	
Endrin Ketone [2C]	0.025	0.0080	mg/Kg wet	0.0200		126	40-140	5.02	30	
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	0.689	30	
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	1.58	30	
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	0.604	30	
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	1.55	30	
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		124	40-140	0.664	30	
Hexachlorobenzene [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	1.43	30	
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		121	40-140	3.10	30	
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		122	40-140	0.996	30	
Surrogate: Decachlorobiphenyl	*0.189*		mg/Kg wet	0.200		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.213*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		91.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.198*		mg/Kg wet	0.200		98.8	30-150			

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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 B038361 - SW-846 3546										
Blank (B038361-BLK1)				Prepared & Analyzed: 10/03/11						
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	*0.122*		mg/Kg wet	0.200		61.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.128*		mg/Kg wet	0.200		63.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.154*		mg/Kg wet	0.200		76.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.157*		mg/Kg wet	0.200		78.6	30-150			
LCS (B038361-BS1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.7	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.5	40-140			
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg wet	0.200		105	30-150			
LCS Dup (B038361-BSD1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140	1.72	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	0.190	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.0	40-140	1.36	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.1	40-140	1.61	30	
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		84.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.7	30-150			

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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 B038399 - SW-846 3546										
Blank (B038399-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11						
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	*0.159*		mg/Kg wet	0.200		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.168*		mg/Kg wet	0.200		83.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.163*		mg/Kg wet	0.200		81.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg wet	0.200		93.6	30-150			
LCS (B038399-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.9	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Surrogate: Decachlorobiphenyl	*0.180*		mg/Kg wet	0.200		90.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.188*		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS Dup (B038399-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Aroclor-1016	0.17	0.10	mg/Kg wet	0.200		86.5	40-140	15.2	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		93.5	40-140	9.35	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		82.8	40-140	15.6	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		88.1	40-140	14.6	30	
Surrogate: Decachlorobiphenyl	*0.151*		mg/Kg wet	0.200		75.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.158*		mg/Kg wet	0.200		79.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.155*		mg/Kg wet	0.200		77.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		91.2	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 B038453 - SW-846 3546										
Blank (B038453-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.30*		mg/Kg wet	3.33		69.1	40-140			
LCS (B038453-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	20.3	8.3	mg/Kg wet	33.3		60.9	40-140			
Surrogate: o-Terphenyl	*2.23*		mg/Kg wet	3.33		66.9	40-140			
LCS Dup (B038453-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	22.2	8.3	mg/Kg wet	33.3		66.6	40-140	9.02	30	
Surrogate: o-Terphenyl	*2.43*		mg/Kg wet	3.33		72.8	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 B038285 - SW-846 3050B											
Blank (B038285-BLK1)				Prepared: 09/30/11 Analyzed: 10/03/11							
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 (B038285-BS1)				Prepared: 09/30/11 Analyzed: 10/03/11							
Arsenic	113	5.0	mg/Kg wet	109		104	83.2-117.4				
Barium	208	5.0	mg/Kg wet	206		101	83.1-116.9				
Cadmium	82.5	0.50	mg/Kg wet	80.2		103	80.7-119.1				
Chromium	118	0.99	mg/Kg wet	117		101	80.6-119.9				
Lead	71.9	1.5	mg/Kg wet	76.2		94.4	78.9-121.1				
Selenium	130	9.9	mg/Kg wet	127		102	79.2-120.3				
Silver	41.7	0.99	mg/Kg wet	41.0		102	66.3-133.7				
LCS (B038285-BS2)				Prepared: 09/30/11 Analyzed: 10/03/11							
Lead	0.769	0.72	mg/Kg wet	0.722		106	80-120				
LCS Dup (B038285-BSD1)				Prepared: 09/30/11 Analyzed: 10/03/11							
Arsenic	121	4.9	mg/Kg wet	109		111	83.2-117.4	6.79		30	
Barium	224	4.9	mg/Kg wet	206		109	83.1-116.9	7.32		30	
Cadmium	92.7	0.49	mg/Kg wet	80.2		116	80.7-119.1	11.6		30	
Chromium	130	0.99	mg/Kg wet	117		111	80.6-119.9	9.27		30	
Lead	77.0	1.5	mg/Kg wet	76.2		101	78.9-121.1	6.83		30	
Selenium	142	9.9	mg/Kg wet	127		112	79.2-120.3	8.64		30	
Silver	44.7	0.99	mg/Kg wet	41.0		109	66.3-133.7	6.88		30	
Duplicate (B038285-DUP1)	**Source: 11I1040-01**			Prepared: 09/30/11 Analyzed: 10/03/11							
Arsenic	3.77	2.9	mg/Kg dry		2.98			23.5		35	
Barium	254	2.9	mg/Kg dry		212			18.1		35	
Cadmium	2.06	0.29	mg/Kg dry		1.62			24.0		35	
Chromium	28.3	0.58	mg/Kg dry		19.2			**38.4**	*	35	R-02
Lead	516	0.88	mg/Kg dry		362			35.0		35	
Selenium	ND	5.8	mg/Kg dry		ND			NC		35	
Silver	ND	0.58	mg/Kg dry		ND			NC		35	
Batch B038302 - SW-846 7471											
Blank (B038302-BLK1)				Prepared: 09/30/11 Analyzed: 10/03/11							
Mercury	ND	0.025	mg/Kg wet								

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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 B038302 - SW-846 7471										
LCS (B038302-BS1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Mercury	1.02	0.090	mg/Kg wet	1.25		81.5	66-132			
LCS Dup (B038302-BSD1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Mercury	1.00	0.090	mg/Kg wet	1.25		80.2	66-132	1.57	30	
Batch B038371 - SW-846 7471										
Blank (B038371-BLK1)				Prepared & Analyzed: 10/03/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B038371-BS1)				Prepared & Analyzed: 10/03/11						
Mercury	0.853	0.095	mg/Kg wet	1.25		68.2	66-132			
LCS Dup (B038371-BSD1)				Prepared & Analyzed: 10/03/11						
Mercury	0.920	0.095	mg/Kg wet	1.25		73.6	66-132	7.60	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 B038242 - SW-846 9014										
Blank (B038242-BLK1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B038242-BS1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B038243 - SW-846 9030A										
Blank (B038243-BLK1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B038243-BS1)				Prepared: 09/29/11 Analyzed: 10/03/11						
Reactive Sulfide	10	2.0	mg/Kg	15.2		68.4	0-200			
Batch B038244 - SW-846 9045C										
Duplicate (B038244-DUP1)	**Source: 11I1040-03**			Prepared & Analyzed: 09/29/11						
pH	5.6		pH Units		5.5			3.05	8.06	H-03
Batch B038333 - SW-846 1010										
Blank (B038333-BLK1)				Prepared & Analyzed: 09/30/11						
Flashpoint	> 212 °F		°F							
LCS (B038333-BS1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B038333-BSD1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	
Batch B038405 - SM18-20 2510B										
Blank (B038405-BLK1)				Prepared & Analyzed: 10/03/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B038405-BS1)				Prepared & Analyzed: 10/03/11						
Specific conductance	150	2.0	µmhos/cm	147		98.9	78.2-106			
Batch B038499 - % Solids										
Duplicate (B038499-DUP3)	**Source: 11I1040-03**			Prepared: 10/04/11 Analyzed: 10/05/11						
% Solids	85.6		% Wt		85.3			0.351	20	

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BREAKDOWN REPORT

Lab Sample ID: **S001101-PEM1** **Analyzed:** **10/03/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.36
Endrin [1]	1.51

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.94
Endrin [2]	3.17

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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.
H-03	Sample received after recommended holding time was exceeded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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.
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.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
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-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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-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.
V-26	Opening calibration verification was within control criteria. Closing calibration verification was outside of criteria and biased on the low side. Re-analysis yielded similar non-conformance, matrix interference was confirmed.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME

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Analyte	Certifications
SW-846 8260C in Soil	
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

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111040

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NBHS RAM
Sampled By: J. ROBINSON / J. FIERO

Telephone: 978-656-3565
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOCs By 8260	SVOCs By 8270	RCRA 8 TOTAL METALS.	PCBs 8082	PESTICIDES	HERBICIDES.	IGNITABILITY / F.P. CORROSIVITY / pH.	REACTIVE CYANIDE & SULFIDE	TPH By 8100 M. PRO	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
								9	3	3	3										
								DI/M	-	-	-										
								V	A[8]	G[4]	G[4]										
01	STKP D2-5	9/27	10:30	✓		VOC	S	G			✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
02	STKP D2-6	9/27	11:15	✓		VOC	S	G			✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
03	STKP D2-7	9/27	12:00	✓		VOC	S	G			✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
Jason C. Fiero	9/28
Received by: (signature)	Date/Time:
[signature]	9-28-11 1350
Relinquished by: (signature)	Date/Time:
[signature]	9/28-11 1864
Received by: (signature)	Date/Time:
C. Clough-Degall 5.7°C	9/28/11 18:55

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COM. 97
Connecticut:
Other: TURNKEY N.H.

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

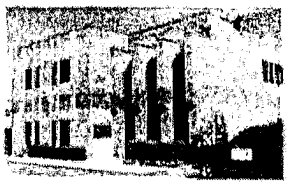
ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: C.C-S. DATE: 9/28/11

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

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 5.3

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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)	3	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	4	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3

Bisulfate _____ # DI Water 6

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) _____

Doc# 277

Rev. 1 May 2011

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

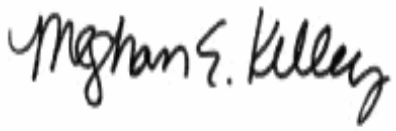
October 7, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11I1072

Enclosed are results of analyses for samples received by the laboratory on September 29, 2011. 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: 10/7/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1072

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-8	11I1072-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D2-9	11I1072-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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: 10/7/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1072

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-10	11I1072-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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 RCRA 8 metals were requested and reported.

SW-846 6010C

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Barium, Lead

11I1072-03[STKP D2-10], B038478-MS1

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Chromium

11I1072-03[STKP D2-10], B038478-DUP1

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B038361-MS1, B038361-MSD1

SW-846 8260C

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:

Vinyl Chloride

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10], B038266-BLK1, B038266-BS1, B038266-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:

Acetone, Chloromethane, Dichlorodifluoromethane (Freon 12)

B038266-BS1, B038266-BSD1

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

Analyte & Samples(s) Qualified:

Chloromethane, Dichlorodifluoromethane (Freon 12), Tetrahydrofuran

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10], B038266-BLK1, B038266-BS1, B038266-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

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10], B038266-BLK1, B038266-BS1, B038266-BSD1

SW-846 8270D

Qualifications:

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

B038452-BS1, B038452-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:

2,4-Dinitrophenol

11I1072-03[STKP D2-10], B038502-BLK1, B038502-BS1, B038502-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

B038502-BS1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene

B038452-BLK1, B038452-BS1, B038452-BSD1

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

Analyte & Samples(s) Qualified:

4-Nitrophenol

B038502-BLK1, B038502-BS1, B038502-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9]

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:

2,4-Dinitrophenol

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10]

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11I1072-01[STKP D2-8], 11I1072-02[STKP D2-9], 11I1072-03[STKP D2-10]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
n-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Carbon Disulfide	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 11:32	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	9/30/11	9/30/11 11:32	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Naphthalene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1	L-04	SW-846 8260C	9/30/11	9/30/11 11:32	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		9/30/11 11:32
Toluene-d8	97.4	70-130		9/30/11 11:32
4-Bromofluorobenzene	97.6	70-130		9/30/11 11:32

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Anthracene	0.27	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Benzo(a)anthracene	0.88	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Benzo(a)pyrene	0.71	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Benzo(b)fluoranthene	0.94	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Benzo(g,h,i)perylene	0.63	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Benzo(k)fluoranthene	0.32	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Chrysene	0.93	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Fluoranthene	1.7	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Indeno(1,2,3-cd)pyrene	0.68	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

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	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Phenanthrene	1.1	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
Pyrene	1.6	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 11:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	43.6	30-130		10/6/11 11:21
Phenol-d6	44.5	30-130		10/6/11 11:21
Nitrobenzene-d5	44.7	30-130		10/6/11 11:21
2-Fluorobiphenyl	45.1	30-130		10/6/11 11:21
2,4,6-Tribromophenol	54.4	30-130		10/6/11 11:21
Terphenyl-d14	49.1	30-130		10/6/11 11:21

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
alpha-BHC [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
beta-BHC [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
delta-BHC [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
gamma-BHC (Lindane) [1]	ND	0.023	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Chlordane [1]	ND	0.23	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
4,4'-DDD [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
4,4'-DDE [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
4,4'-DDT [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Dieldrin [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Endosulfan I [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Endosulfan II [1]	ND	0.091	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Endosulfan sulfate [1]	ND	0.091	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Endrin [1]	ND	0.091	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Endrin ketone [1]	ND	0.091	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Heptachlor [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Heptachlor epoxide [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Hexachlorobenzene [1]	ND	0.057	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB
Methoxychlor [1]	ND	0.57	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	68.7	30-150		10/6/11 16:19
Decachlorobiphenyl [2]	92.4	30-150		10/6/11 16:19
Tetrachloro-m-xylene [1]	82.5	30-150		10/6/11 16:19
Tetrachloro-m-xylene [2]	77.6	30-150		10/6/11 16:19

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

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	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1254 [1]	1.8	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1260 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 9:58	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	64.0	30-150		10/4/11 9:58
Decachlorobiphenyl [2]	69.0	30-150		10/4/11 9:58
Tetrachloro-m-xylene [1]	83.5	30-150		10/4/11 9:58
Tetrachloro-m-xylene [2]	95.3	30-150		10/4/11 9:58

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

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	180	48	mg/Kg dry	5		SW-846 8100 Modified	10/3/11	10/6/11 15:07	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	55.5	40-140					10/6/11 15:07

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Barium	280	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Cadmium	2.1	0.29	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Chromium	22	0.57	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Lead	460	0.86	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Mercury	0.44	0.028	mg/Kg dry	1		SW-846 7471B	10/5/11	10/5/11 13:24	AMR
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:17	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11I1072-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 17:45	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/30/11	9/30/11 17:30	VAK
pH @24.2°C	5.6		pH Units	1	H-03	SW-846 9045C	9/30/11	9/30/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/30/11	10/4/11 13:28	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/30/11	10/5/11 15:46	DEF
Specific conductance	3.6	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	86.7		% Wt	1		SM 2540G	10/4/11	10/5/11 11:22	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Bromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
2-Butanone (MEK)	ND	0.028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Carbon Disulfide	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Chloroethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Chloroform	ND	0.0028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 11:57	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0069	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Diethyl Ether	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Diisopropyl Ether (DIPE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,4-Dioxane	ND	0.069	mg/Kg dry	1	V-16	SW-846 8260C	9/30/11	9/30/11 11:57	MFF

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Methylene Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Naphthalene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Tetrahydrofuran	ND	0.0069	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1	L-04	SW-846 8260C	9/30/11	9/30/11 11:57	MFF
m+p Xylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 11:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		9/30/11 11:57
Toluene-d8	97.5	70-130		9/30/11 11:57
4-Bromofluorobenzene	97.1	70-130		9/30/11 11:57

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Anthracene	0.22	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Benzo(a)anthracene	0.66	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Benzo(a)pyrene	0.55	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Benzo(b)fluoranthene	0.64	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Benzo(g,h,i)perylene	0.49	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Benzo(k)fluoranthene	0.25	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Butylbenzylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Chrysene	0.70	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Dimethylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Di-n-octylphthalate	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Fluoranthene	1.3	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Indeno(1,2,3-cd)pyrene	0.64	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

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	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Phenanthrene	0.99	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
Pyrene	1.4	0.20	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/3/11	10/6/11 10:49	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	41.7	30-130		10/6/11 10:49
Phenol-d6	35.8	30-130		10/6/11 10:49
Nitrobenzene-d5	42.1	30-130		10/6/11 10:49
2-Fluorobiphenyl	42.9	30-130		10/6/11 10:49
2,4,6-Tribromophenol	56.8	30-130		10/6/11 10:49
Terphenyl-d14	50.3	30-130		10/6/11 10:49

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
gamma-BHC (Lindane) [1]	ND	0.046	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Chlordane [1]	ND	0.46	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
4,4'-DDD [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
4,4'-DDE [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
4,4'-DDT [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Dieldrin [1]	ND	0.092	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	10/3/11	10/6/11 16:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.7	30-150		10/6/11 16:35
Decachlorobiphenyl [2]	91.6	30-150		10/6/11 16:35
Tetrachloro-m-xylene [1]	84.5	30-150		10/6/11 16:35
Tetrachloro-m-xylene [2]	79.9	30-150		10/6/11 16:35

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

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	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1254 [1]	3.2	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1260 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	4		SW-846 8082A	10/3/11	10/4/11 10:12	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.4	30-150		10/4/11 10:12
Decachlorobiphenyl [2]	100	30-150		10/4/11 10:12
Tetrachloro-m-xylene [1]	87.5	30-150		10/4/11 10:12
Tetrachloro-m-xylene [2]	95.7	30-150		10/4/11 10:12

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

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	210	48	mg/Kg dry	5		SW-846 8100 Modified	10/3/11	10/6/11 15:25	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	56.8	40-140					10/6/11 15:25

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.4	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Barium	240	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Cadmium	1.7	0.29	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Chromium	19	0.58	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Lead	390	0.87	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Mercury	0.32	0.028	mg/Kg dry	1		SW-846 7471B	10/3/11	10/4/11 15:04	AMR
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	10/3/11	10/3/11 21:21	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11I1072-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 17:45	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/30/11	9/30/11 17:30	VAK
pH @24.8°C	5.9		pH Units	1	H-03	SW-846 9045C	9/30/11	9/30/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/30/11	10/4/11 13:28	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/30/11	10/5/11 15:46	DEF
Specific conductance	3.7	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	86.3		% Wt	1		SM 2540G	10/4/11	10/5/11 11:22	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Bromomethane	ND	0.0081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
2-Butanone (MEK)	ND	0.032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
n-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Carbon Disulfide	ND	0.0048	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Chlorodibromomethane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Chloroethane	ND	0.0081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Chloromethane	ND	0.0081	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 12:23	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0081	mg/Kg dry	1	V-05	SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,3-Dichloropropane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
cis-1,3-Dichloropropene	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
trans-1,3-Dichloropropene	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Diethyl Ether	ND	0.0081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Diisopropyl Ether (DIPE)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,4-Dioxane	ND	0.081	mg/Kg dry	1	V-16	SW-846 8260C	9/30/11	9/30/11 12:23	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Methylene Chloride	ND	0.0081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Naphthalene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Tetrahydrofuran	ND	0.0081	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0081	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
Vinyl Chloride	ND	0.0081	mg/Kg dry	1	L-04	SW-846 8260C	9/30/11	9/30/11 12:23	MFF
m+p Xylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	9/30/11	9/30/11 12:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/30/11 12:23
Toluene-d8	97.1	70-130		9/30/11 12:23
4-Bromofluorobenzene	93.2	70-130		9/30/11 12:23

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Acetophenone	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Anthracene	0.24	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Benzo(a)anthracene	0.60	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Benzo(a)pyrene	0.51	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Benzo(b)fluoranthene	0.70	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Benzo(g,h,i)perylene	0.26	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Benzo(k)fluoranthene	0.28	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Chrysene	0.68	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
1,2-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
1,3-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
1,4-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	R-05, V-20	SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Fluoranthene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Indeno(1,2,3-cd)pyrene	0.33	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

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	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Phenanthrene	1.0	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
Pyrene	0.99	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	10/4/11	10/6/11 19:29	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	42.2	30-130		10/6/11 19:29
Phenol-d6	38.0	30-130		10/6/11 19:29
Nitrobenzene-d5	42.0	30-130		10/6/11 19:29
2-Fluorobiphenyl	43.9	30-130		10/6/11 19:29
2,4,6-Tribromophenol	56.4	30-130		10/6/11 19:29
Terphenyl-d14	41.5	30-130		10/6/11 19:29

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
alpha-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
beta-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
delta-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
gamma-BHC (Lindane) [1]	ND	0.023	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Chlordane [1]	ND	0.23	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
4,4'-DDD [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
4,4'-DDE [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
4,4'-DDT [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Dieldrin [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Endosulfan I [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Endosulfan II [1]	ND	0.092	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Endosulfan sulfate [1]	ND	0.092	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Endrin [1]	ND	0.092	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Endrin ketone [1]	ND	0.092	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Heptachlor [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Heptachlor epoxide [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Hexachlorobenzene [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB
Methoxychlor [1]	ND	0.58	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 16:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	71.0	30-150		10/6/11 16:52
Decachlorobiphenyl [2]	97.8	30-150		10/6/11 16:52
Tetrachloro-m-xylene [1]	85.8	30-150		10/6/11 16:52
Tetrachloro-m-xylene [2]	80.8	30-150		10/6/11 16:52

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

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	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1254 [1]	1.8	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1260 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:26	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.5	30-150		10/4/11 10:26
Decachlorobiphenyl [2]	83.0	30-150		10/4/11 10:26
Tetrachloro-m-xylene [1]	86.3	30-150		10/4/11 10:26
Tetrachloro-m-xylene [2]	93.6	30-150		10/4/11 10:26

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

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	300	98	mg/Kg dry	5		SW-846 8100 Modified	10/4/11	10/6/11 15:25	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	49.6	40-140					10/6/11 15:25

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.1	mg/Kg dry	1		SW-846 6010C	10/4/11	10/5/11 15:20	OP
Barium	240	3.1	mg/Kg dry	1	MS-19	SW-846 6010C	10/4/11	10/5/11 15:20	OP
Cadmium	1.8	0.31	mg/Kg dry	1		SW-846 6010C	10/4/11	10/5/11 15:20	OP
Chromium	23	0.62	mg/Kg dry	1	R-02	SW-846 6010C	10/4/11	10/5/11 15:20	OP
Lead	420	0.94	mg/Kg dry	1	MS-19	SW-846 6010C	10/4/11	10/5/11 15:20	OP
Mercury	0.30	0.030	mg/Kg dry	1		SW-846 7471B	10/3/11	10/4/11 15:06	AMR
Selenium	ND	6.2	mg/Kg dry	1		SW-846 6010C	10/4/11	10/5/11 15:20	OP
Silver	ND	0.62	mg/Kg dry	1		SW-846 6010C	10/4/11	10/5/11 15:20	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1072

Date Received: 9/29/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11I1072-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	9/30/11	9/30/11 17:45	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	9/30/11	9/30/11 17:30	VAK
pH @23.6°C	5.6		pH Units	1	H-03	SW-846 9045C	9/30/11	9/30/11 8:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	9/30/11	10/4/11 13:28	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	9/30/11	10/5/11 15:46	DEF
Specific conductance	4.1	2.0	µmhos/cm	1		SM18-20 2510B	10/3/11	10/3/11 13:30	LL
% Solids	84.8		% Wt	1		SM 2540G	10/4/11	10/5/11 11:22	ESH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I1072-01 [STKP D2-8]	B038536	10/04/11
11I1072-02 [STKP D2-9]	B038536	10/04/11
11I1072-03 [STKP D2-10]	B038536	10/04/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1072-01 [STKP D2-8]	B038405	1.00	10/03/11
11I1072-02 [STKP D2-9]	B038405	1.00	10/03/11
11I1072-03 [STKP D2-10]	B038405	1.00	10/03/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038318	50.0	50.0	09/30/11
11I1072-02 [STKP D2-9]	B038318	50.0	50.0	09/30/11
11I1072-03 [STKP D2-10]	B038318	50.0	50.0	09/30/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038317	50.0	50.0	09/30/11
11I1072-02 [STKP D2-9]	B038317	50.0	50.0	09/30/11
11I1072-03 [STKP D2-10]	B038317	50.0	50.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038368	1.01	50.0	10/03/11
11I1072-02 [STKP D2-9]	B038368	1.00	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-03 [STKP D2-10]	B038478	0.945	50.0	10/04/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-02 [STKP D2-9]	B038411	0.616	50.0	10/03/11
11I1072-03 [STKP D2-10]	B038411	0.599	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038546	0.610	50.0	10/05/11

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038360	10.1	10.0	10/03/11
11I1072-02 [STKP D2-9]	B038360	10.1	10.0	10/03/11
11I1072-03 [STKP D2-10]	B038360	10.2	10.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038361	10.1	50.0	10/03/11
11I1072-02 [STKP D2-9]	B038361	10.1	50.0	10/03/11
11I1072-03 [STKP D2-10]	B038361	10.2	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038453	30.2	1.00	10/03/11
11I1072-02 [STKP D2-9]	B038453	30.1	1.00	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-03 [STKP D2-10]	B038498	30.0	2.00	10/04/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038266	9.51	10.0	09/30/11
11I1072-02 [STKP D2-9]	B038266	8.41	10.0	09/30/11
11I1072-03 [STKP D2-10]	B038266	7.32	10.0	09/30/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038452	30.1	1.00	10/03/11
11I1072-02 [STKP D2-9]	B038452	30.2	1.00	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-03 [STKP D2-10]	B038502	30.2	1.00	10/04/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038319	25.4	250	09/30/11
11I1072-02 [STKP D2-9]	B038319	25.5	250	09/30/11

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Sample Extraction Data

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-03 [STKP D2-10]	B038319	25.6	250	09/30/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1072-01 [STKP D2-8]	B038320	25.4	250	09/30/11
11I1072-02 [STKP D2-9]	B038320	25.5	250	09/30/11
11I1072-03 [STKP D2-10]	B038320	25.6	250	09/30/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1072-01 [STKP D2-8]	B038326	20.0	09/30/11
11I1072-02 [STKP D2-9]	B038326	20.0	09/30/11
11I1072-03 [STKP D2-10]	B038326	20.0	09/30/11

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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 B038266 - SW-846 5035										
Blank (B038266-BLK1)				Prepared & Analyzed: 09/30/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							V-05
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							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	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	0.0020	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	0.0040	mg/Kg wet							

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 B038266 - SW-846 5035											
Blank (B038266-BLK1)				Prepared & Analyzed: 09/30/11							
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-05, V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
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							L-04	
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0531*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0490*		mg/Kg wet	0.0500		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0492*		mg/Kg wet	0.0500		98.4	70-130				
LCS (B038266-BS1)				Prepared & Analyzed: 09/30/11							
Acetone	0.278	0.10	mg/Kg wet	0.200		139	40-160			L-14	†
tert-Amyl Methyl Ether (TAME)	0.0179	0.0010	mg/Kg wet	0.0200		89.3	70-130				
Benzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
Bromobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130				
Bromochloromethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130				
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromoform	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130				
Bromomethane	0.0160	0.010	mg/Kg wet	0.0200		80.1	40-160				†
2-Butanone (MEK)	0.198	0.040	mg/Kg wet	0.200		99.1	40-160				†
n-Butylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130				
sec-Butylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130				
tert-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0158	0.0010	mg/Kg wet	0.0200		78.8	70-130				
Carbon Disulfide	0.0199	0.0060	mg/Kg wet	0.0200		99.4	70-130				
Carbon Tetrachloride	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130				
Chlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130				
Chlorodibromomethane	0.0219	0.0010	mg/Kg wet	0.0200		110	70-130				
Chloroethane	0.0178	0.010	mg/Kg wet	0.0200		89.2	70-130				
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130				
Chloromethane	0.0113	0.010	mg/Kg wet	0.0200		56.4	40-160			L-14, V-05	†
2-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130				
4-Chlorotoluene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130				
1,2-Dibromoethane (EDB)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130				
Dibromomethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
1,2-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130				
1,3-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130				
1,4-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				

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 B038266 - SW-846 5035												
LCS (B038266-BS1)				Prepared & Analyzed: 09/30/11								
Dichlorodifluoromethane (Freon 12)	0.00964	0.010	mg/Kg wet	0.0200		48.2		40-160			L-14, V-05	†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,2-Dichloroethane	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1-Dichloroethylene	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130				
cis-1,2-Dichloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
trans-1,2-Dichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,3-Dichloropropane	0.0210	0.0010	mg/Kg wet	0.0200		105		70-130				
2,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130				
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
trans-1,3-Dichloropropene	0.0229	0.0010	mg/Kg wet	0.0200		115		70-130				
Diethyl Ether	0.0185	0.010	mg/Kg wet	0.0200		92.7		70-130				
Diisopropyl Ether (DIPE)	0.0184	0.0010	mg/Kg wet	0.0200		92.1		70-130				
1,4-Dioxane	0.185	0.10	mg/Kg wet	0.200		92.4		40-160			V-16	†
Ethylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Hexachlorobutadiene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
2-Hexanone (MBK)	0.203	0.020	mg/Kg wet	0.200		101		40-160				†
Isopropylbenzene (Cumene)	0.0255	0.0020	mg/Kg wet	0.0200		127		70-130				
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0195	0.0040	mg/Kg wet	0.0200		97.7		70-130				
Methylene Chloride	0.0217	0.010	mg/Kg wet	0.0200		108		70-130				
4-Methyl-2-pentanone (MIBK)	0.191	0.020	mg/Kg wet	0.200		95.5		40-160				†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.4		70-130				
n-Propylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Styrene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
1,1,1,2-Tetrachloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1,2,2-Tetrachloroethane	0.0205	0.0010	mg/Kg wet	0.0200		103		70-130				
Tetrachloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
Tetrahydrofuran	0.0170	0.010	mg/Kg wet	0.0200		85.1		70-130			V-05, V-16	
Toluene	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2,3-Trichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
1,2,4-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130				
1,1,1-Trichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1,2-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Trichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Trichlorofluoromethane (Freon 11)	0.0187	0.010	mg/Kg wet	0.0200		93.7		70-130				
1,2,3-Trichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130				
1,2,4-Trimethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
1,3,5-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
Vinyl Chloride	0.0119	0.010	mg/Kg wet	0.0200		**59.5**	*	70-130			L-04	
m+p Xylene	0.0439	0.0040	mg/Kg wet	0.0400		110		70-130				
o-Xylene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0524*		mg/Kg wet	0.0500		105		70-130				
Surrogate: Toluene-d8	*0.0503*		mg/Kg wet	0.0500		101		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0502*		mg/Kg wet	0.0500		100		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 B038266 - SW-846 5035											
LCS Dup (B038266-BSD1)				Prepared & Analyzed: 09/30/11							
Acetone	0.241	0.10	mg/Kg wet	0.200		121	40-160	14.0	20		†
tert-Amyl Methyl Ether (TAME)	0.0163	0.0010	mg/Kg wet	0.0200		81.4	70-130	9.26	20		
Benzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130	13.7	20		
Bromobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130	10.9	20		
Bromochloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	13.2	20		
Bromodichloromethane	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130	12.9	20		
Bromoform	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130	10.5	20		
Bromomethane	0.0144	0.010	mg/Kg wet	0.0200		71.8	40-160	10.9	20		†
2-Butanone (MEK)	0.174	0.040	mg/Kg wet	0.200		87.1	40-160	12.9	20		†
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130	12.9	20		
sec-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	12.9	20		
tert-Butylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	11.8	20		
tert-Butyl Ethyl Ether (TBEE)	0.0143	0.0010	mg/Kg wet	0.0200		71.5	70-130	9.71	20		
Carbon Disulfide	0.0173	0.0060	mg/Kg wet	0.0200		86.3	70-130	14.1	20		
Carbon Tetrachloride	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	14.8	20		
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	10.4	20		
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130	11.9	20		
Chloroethane	0.0163	0.010	mg/Kg wet	0.0200		81.4	70-130	9.14	20		
Chloroform	0.0198	0.0040	mg/Kg wet	0.0200		99.2	70-130	10.1	20		
Chloromethane	0.0104	0.010	mg/Kg wet	0.0200		51.9	40-160	8.31	20	L-14, V-05	†
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	10.9	20		
4-Chlorotoluene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	12.7	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	11.5	20		
1,2-Dibromoethane (EDB)	0.0194	0.0010	mg/Kg wet	0.0200		97.1	70-130	12.5	20		
Dibromomethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	12.5	20		
1,2-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	10.1	20		
1,3-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	8.46	20		
1,4-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	11.8	20		
Dichlorodifluoromethane (Freon 12)	0.00824	0.010	mg/Kg wet	0.0200		41.2	40-160	15.7	20	L-14, V-05	†
1,1-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130	12.7	20		
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	13.3	20		
1,1-Dichloroethylene	0.0179	0.0040	mg/Kg wet	0.0200		89.3	70-130	12.5	20		
cis-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130	11.9	20		
trans-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	12.1	20		
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130	12.9	20		
1,3-Dichloropropane	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130	11.4	20		
2,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130	14.5	20		
1,1-Dichloropropene	0.0177	0.0020	mg/Kg wet	0.0200		88.3	70-130	15.6	20		
cis-1,3-Dichloropropene	0.0177	0.0010	mg/Kg wet	0.0200		88.3	70-130	14.7	20		
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.5	70-130	15.2	20		
Diethyl Ether	0.0178	0.010	mg/Kg wet	0.0200		88.8	70-130	4.30	20		
Diisopropyl Ether (DIPE)	0.0163	0.0010	mg/Kg wet	0.0200		81.7	70-130	12.0	20		
1,4-Dioxane	0.157	0.10	mg/Kg wet	0.200		78.6	40-160	16.1	20	V-16	†
Ethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130	12.5	20		
Hexachlorobutadiene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	10.1	20		
2-Hexanone (MBK)	0.174	0.020	mg/Kg wet	0.200		86.9	40-160	15.4	20		†
Isopropylbenzene (Cumene)	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	12.1	20		
p-Isopropyltoluene (p-Cymene)	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	11.6	20		
Methyl tert-Butyl Ether (MTBE)	0.0173	0.0040	mg/Kg wet	0.0200		86.3	70-130	12.4	20		
Methylene Chloride	0.0196	0.010	mg/Kg wet	0.0200		98.2	70-130	9.78	20		
4-Methyl-2-pentanone (MIBK)	0.168	0.020	mg/Kg wet	0.200		83.9	40-160	12.9	20		†
Naphthalene	0.0165	0.0040	mg/Kg wet	0.0200		82.3	70-130	10.5	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 B038266 - SW-846 5035											
LCS Dup (B038266-BSD1)				Prepared & Analyzed: 09/30/11							
n-Propylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130	12.4	20	
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130	10.9	20	
1,1,1,2-Tetrachloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	10.7	20	
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.0		70-130	12.1	20	
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	15.4	20	
Tetrahydrofuran	0.0166	0.010	mg/Kg wet	0.0200		82.9		70-130	2.62	20	V-05, V-16
Toluene	0.0183	0.0020	mg/Kg wet	0.0200		91.7		70-130	13.1	20	
1,2,3-Trichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.9		70-130	14.9	20	
1,2,4-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1		70-130	12.9	20	
1,1,1-Trichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.1		70-130	13.6	20	
1,1,2-Trichloroethane	0.0177	0.0020	mg/Kg wet	0.0200		88.7		70-130	12.6	20	
Trichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130	14.3	20	
Trichlorofluoromethane (Freon 11)	0.0165	0.010	mg/Kg wet	0.0200		82.7		70-130	12.5	20	
1,2,3-Trichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		89.1		70-130	7.56	20	
1,2,4-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130	12.0	20	
1,3,5-Trimethylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5		70-130	11.7	20	
Vinyl Chloride	0.0107	0.010	mg/Kg wet	0.0200		**53.4**	*	70-130	10.8	20	L-04
m+p Xylene	0.0393	0.0040	mg/Kg wet	0.0400		98.2		70-130	11.1	20	
o-Xylene	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130	11.6	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0517*		mg/Kg wet	0.0500		103		70-130			
Surrogate: Toluene-d8	*0.0486*		mg/Kg wet	0.0500		97.1		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.0500		99.0		70-130			

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 B038452 - SW-846 3546										
Blank (B038452-BLK1)				Prepared: 10/03/11 Analyzed: 10/05/11						
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							V-05
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							V-05
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-05
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							V-05
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							

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 B038452 - SW-846 3546											
Blank (B038452-BLK1)				Prepared: 10/03/11 Analyzed: 10/05/11							
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	*6.28*		mg/Kg wet	6.67		94.2	30-130				
Surrogate: Phenol-d6	*6.23*		mg/Kg wet	6.67		93.5	30-130				
Surrogate: Nitrobenzene-d5	*2.63*		mg/Kg wet	3.33		78.8	30-130				
Surrogate: 2-Fluorobiphenyl	*3.14*		mg/Kg wet	3.33		94.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.38*		mg/Kg wet	6.67		95.6	30-130				
Surrogate: Terphenyl-d14	*3.23*		mg/Kg wet	3.33		97.0	30-130				
LCS (B038452-BS1)				Prepared: 10/03/11 Analyzed: 10/05/11							
Acenaphthene	1.56	0.17	mg/Kg wet	1.67		93.8	40-140				
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140				
Acetophenone	1.61	0.34	mg/Kg wet	1.67		96.5	40-140				
Aniline	0.794	0.34	mg/Kg wet	1.67		47.7	40-140				
Anthracene	1.63	0.17	mg/Kg wet	1.67		98.0	40-140				
Benzo(a)anthracene	1.63	0.17	mg/Kg wet	1.67		97.5	40-140				
Benzo(a)pyrene	1.58	0.17	mg/Kg wet	1.67		94.8	40-140				
Benzo(b)fluoranthene	1.70	0.17	mg/Kg wet	1.67		102	40-140				
Benzo(g,h,i)perylene	1.20	0.17	mg/Kg wet	1.67		72.1	40-140			V-05	
Benzo(k)fluoranthene	1.60	0.17	mg/Kg wet	1.67		95.9	40-140				
Bis(2-chloroethoxy)methane	1.48	0.34	mg/Kg wet	1.67		88.7	40-140				
Bis(2-chloroethyl)ether	1.39	0.34	mg/Kg wet	1.67		83.6	40-140				
Bis(2-chloroisopropyl)ether	1.47	0.34	mg/Kg wet	1.67		88.4	40-140				
Bis(2-Ethylhexyl)phthalate	1.64	0.34	mg/Kg wet	1.67		98.3	40-140				
4-Bromophenylphenylether	1.55	0.34	mg/Kg wet	1.67		92.9	40-140				
Butylbenzylphthalate	1.63	0.66	mg/Kg wet	1.67		97.7	40-140				
4-Chloroaniline	0.426	0.66	mg/Kg wet	1.67		25.5	15-140			L-15	†
2-Chloronaphthalene	1.39	0.34	mg/Kg wet	1.67		83.3	40-140				
2-Chlorophenol	1.36	0.34	mg/Kg wet	1.67		81.3	30-130				
Chrysene	1.51	0.17	mg/Kg wet	1.67		90.6	40-140				
Dibenz(a,h)anthracene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140			V-05	
Dibenzofuran	1.50	0.34	mg/Kg wet	1.67		90.0	40-140				
Di-n-butylphthalate	1.80	0.34	mg/Kg wet	1.67		108	40-140				
1,2-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.3	40-140				
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.6	40-140				
1,4-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140				
3,3-Dichlorobenzidine	1.06	0.17	mg/Kg wet	1.67		63.4	40-140				
2,4-Dichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.4	30-130				
Diethylphthalate	1.71	0.34	mg/Kg wet	1.67		103	40-140				
2,4-Dimethylphenol	1.40	0.34	mg/Kg wet	1.67		83.8	30-130				
Dimethylphthalate	1.59	0.66	mg/Kg wet	1.67		95.6	40-140				
2,4-Dinitrophenol	0.746	0.66	mg/Kg wet	1.67		44.7	15-140			V-05	†
2,4-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
2,6-Dinitrotoluene	1.56	0.34	mg/Kg wet	1.67		93.7	40-140				
Di-n-octylphthalate	1.70	0.66	mg/Kg wet	1.67		102	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.57	0.34	mg/Kg wet	1.67		94.4	40-140				
Fluoranthene	1.66	0.17	mg/Kg wet	1.67		99.4	40-140				
Fluorene	1.69	0.17	mg/Kg wet	1.67		101	40-140				
Hexachlorobenzene	1.65	0.34	mg/Kg wet	1.67		98.9	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 B038452 - SW-846 3546											
LCS (B038452-BS1)				Prepared: 10/03/11 Analyzed: 10/05/11							
Hexachlorobutadiene	1.64	0.34	mg/Kg wet	1.67		98.5	40-140				
Hexachloroethane	1.55	0.34	mg/Kg wet	1.67		92.8	40-140				
Indeno(1,2,3-cd)pyrene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140			V-05	
Isophorone	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
2-Methylnaphthalene	1.44	0.17	mg/Kg wet	1.67		86.4	40-140				
2-Methylphenol	1.27	0.34	mg/Kg wet	1.67		76.2	30-130				
3/4-Methylphenol	1.15	0.34	mg/Kg wet	1.67		69.0	30-130				
Naphthalene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140				
Nitrobenzene	1.45	0.34	mg/Kg wet	1.67		86.9	40-140				
2-Nitrophenol	1.43	0.34	mg/Kg wet	1.67		85.7	30-130				
4-Nitrophenol	1.55	0.66	mg/Kg wet	1.67		92.9	15-140				†
Pentachlorophenol	1.16	0.34	mg/Kg wet	1.67		69.9	30-130				
Phenanthrene	1.64	0.17	mg/Kg wet	1.67		98.6	40-140				
Phenol	1.26	0.34	mg/Kg wet	1.67		75.5	15-140				†
Pyrene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140				
1,2,4-Trichlorobenzene	1.53	0.34	mg/Kg wet	1.67		91.8	40-140				
2,4,5-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.1	30-130				
2,4,6-Trichlorophenol	1.53	0.34	mg/Kg wet	1.67		91.8	30-130				
Surrogate: 2-Fluorophenol	*5.92*		mg/Kg wet	6.67		88.8	30-130				
Surrogate: Phenol-d6	*5.44*		mg/Kg wet	6.67		81.5	30-130				
Surrogate: Nitrobenzene-d5	*2.92*		mg/Kg wet	3.33		87.5	30-130				
Surrogate: 2-Fluorobiphenyl	*3.31*		mg/Kg wet	3.33		99.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.97*		mg/Kg wet	6.67		120	30-130				
Surrogate: Terphenyl-d14	*3.29*		mg/Kg wet	3.33		98.7	30-130				
LCS Dup (B038452-BSD1)				Prepared: 10/03/11 Analyzed: 10/05/11							
Acenaphthene	1.48	0.17	mg/Kg wet	1.67		88.8	40-140	5.52	30		
Acenaphthylene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140	6.96	30		
Acetophenone	1.50	0.34	mg/Kg wet	1.67		89.8	40-140	7.17	30		
Aniline	0.778	0.34	mg/Kg wet	1.67		46.7	40-140	2.12	30		
Anthracene	1.47	0.17	mg/Kg wet	1.67		88.2	40-140	10.5	30		
Benzo(a)anthracene	1.52	0.17	mg/Kg wet	1.67		91.0	40-140	6.94	30		
Benzo(a)pyrene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140	7.85	30		
Benzo(b)fluoranthene	1.53	0.17	mg/Kg wet	1.67		91.7	40-140	10.8	30		
Benzo(g,h,i)perylene	1.11	0.17	mg/Kg wet	1.67		66.9	40-140	7.60	30	V-05	
Benzo(k)fluoranthene	1.52	0.17	mg/Kg wet	1.67		91.1	40-140	5.11	30		
Bis(2-chloroethoxy)methane	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	6.98	30		
Bis(2-chloroethyl)ether	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	4.58	30		
Bis(2-chloroisopropyl)ether	1.38	0.34	mg/Kg wet	1.67		82.7	40-140	6.64	30		
Bis(2-Ethylhexyl)phthalate	1.53	0.34	mg/Kg wet	1.67		91.9	40-140	6.79	30		
4-Bromophenylphenylether	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	8.69	30		
Butylbenzylphthalate	1.49	0.66	mg/Kg wet	1.67		89.3	40-140	8.97	30		
4-Chloroaniline	0.371	0.66	mg/Kg wet	1.67		22.3	15-140	13.7	30	L-15	†
2-Chloronaphthalene	1.34	0.34	mg/Kg wet	1.67		80.4	40-140	3.52	30		
2-Chlorophenol	1.28	0.34	mg/Kg wet	1.67		77.1	30-130	5.38	30		
Chrysene	1.45	0.17	mg/Kg wet	1.67		86.8	40-140	4.24	30		
Dibenz(a,h)anthracene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140	8.86	30	V-05	
Dibenzofuran	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	6.83	30		
Di-n-butylphthalate	1.57	0.34	mg/Kg wet	1.67		94.1	40-140	13.6	30		
1,2-Dichlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.0	40-140	3.07	30		
1,3-Dichlorobenzene	1.25	0.34	mg/Kg wet	1.67		74.7	40-140	5.11	30		
1,4-Dichlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.3	40-140	4.48	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 B038452 - SW-846 3546											
LCS Dup (B038452-BSD1)				Prepared: 10/03/11 Analyzed: 10/05/11							
3,3-Dichlorobenzidine	0.962	0.17	mg/Kg wet	1.67		57.7	40-140	9.48	30		
2,4-Dichlorophenol	1.34	0.34	mg/Kg wet	1.67		80.5	30-130	5.81	30		
Diethylphthalate	1.46	0.34	mg/Kg wet	1.67		87.9	40-140	15.7	30		
2,4-Dimethylphenol	1.43	0.34	mg/Kg wet	1.67		85.8	30-130	2.36	30		
Dimethylphthalate	1.45	0.66	mg/Kg wet	1.67		87.2	40-140	9.21	30		
2,4-Dinitrophenol	0.717	0.66	mg/Kg wet	1.67		43.0	15-140	3.92	30	V-05	†
2,4-Dinitrotoluene	1.31	0.34	mg/Kg wet	1.67		78.9	40-140	16.4	30		
2,6-Dinitrotoluene	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	13.7	30		
Di-n-octylphthalate	1.54	0.66	mg/Kg wet	1.67		92.1	40-140	9.95	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.34	mg/Kg wet	1.67		84.8	40-140	10.7	30		
Fluoranthene	1.48	0.17	mg/Kg wet	1.67		88.9	40-140	11.2	30		
Fluorene	1.53	0.17	mg/Kg wet	1.67		91.6	40-140	9.86	30		
Hexachlorobenzene	1.51	0.34	mg/Kg wet	1.67		90.4	40-140	9.00	30		
Hexachlorobutadiene	1.56	0.34	mg/Kg wet	1.67		93.9	40-140	4.82	30		
Hexachloroethane	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	3.46	30		
Indeno(1,2,3-cd)pyrene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140	4.69	30	V-05	
Isophorone	1.38	0.34	mg/Kg wet	1.67		82.6	40-140	7.84	30		
2-Methylnaphthalene	1.39	0.17	mg/Kg wet	1.67		83.2	40-140	3.80	30		
2-Methylphenol	1.23	0.34	mg/Kg wet	1.67		73.7	30-130	3.34	30		
3/4-Methylphenol	1.13	0.34	mg/Kg wet	1.67		67.5	30-130	2.17	30		
Naphthalene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140	4.35	30		
Nitrobenzene	1.39	0.34	mg/Kg wet	1.67		83.3	40-140	4.18	30		
2-Nitrophenol	1.37	0.34	mg/Kg wet	1.67		81.9	30-130	4.56	30		
4-Nitrophenol	1.19	0.66	mg/Kg wet	1.67		71.4	15-140	26.1	30		†
Pentachlorophenol	1.04	0.34	mg/Kg wet	1.67		62.1	30-130	11.8	30		
Phenanthrene	1.48	0.17	mg/Kg wet	1.67		89.1	40-140	10.1	30		
Phenol	1.22	0.34	mg/Kg wet	1.67		73.3	15-140	3.01	30		†
Pyrene	1.38	0.17	mg/Kg wet	1.67		82.7	40-140	8.45	30		
1,2,4-Trichlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.0	40-140	4.16	30		
2,4,5-Trichlorophenol	1.27	0.34	mg/Kg wet	1.67		75.9	30-130	11.4	30		
2,4,6-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.4	30-130	7.25	30		
Surrogate: 2-Fluorophenol	*5.73*		mg/Kg wet	6.67		85.9	30-130				
Surrogate: Phenol-d6	*5.26*		mg/Kg wet	6.67		78.9	30-130				
Surrogate: Nitrobenzene-d5	*2.82*		mg/Kg wet	3.33		84.7	30-130				
Surrogate: 2-Fluorobiphenyl	*3.23*		mg/Kg wet	3.33		96.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.00*		mg/Kg wet	6.67		105	30-130				
Surrogate: Terphenyl-d14	*3.06*		mg/Kg wet	3.33		91.7	30-130				
Batch B038502 - SW-846 3546											
Blank (B038502-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11							
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 B038502 - SW-846 3546										
Blank (B038502-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11						
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							R-05
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							V-06
Pentachlorophenol	ND	0.34	mg/Kg wet							
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	*5.79*		mg/Kg wet	6.67		86.8	30-130			
Surrogate: Phenol-d6	*5.91*		mg/Kg wet	6.67		88.6	30-130			
Surrogate: Nitrobenzene-d5	*2.54*		mg/Kg wet	3.33		76.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.48*		mg/Kg wet	3.33		74.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*6.63*		mg/Kg wet	6.67		99.4	30-130			
Surrogate: Terphenyl-d14	*2.60*		mg/Kg wet	3.33		78.1	30-130			

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 B038502 - SW-846 3546											
LCS (B038502-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11							
Acenaphthene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140				
Acenaphthylene	1.44	0.17	mg/Kg wet	1.67		86.5	40-140				
Acetophenone	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
Aniline	0.980	0.34	mg/Kg wet	1.67		58.8	40-140				
Anthracene	1.60	0.17	mg/Kg wet	1.67		96.3	40-140				
Benzo(a)anthracene	1.54	0.17	mg/Kg wet	1.67		92.1	40-140				
Benzo(a)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140				
Benzo(b)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140				
Benzo(g,h,i)perylene	1.53	0.17	mg/Kg wet	1.67		91.9	40-140				
Benzo(k)fluoranthene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140				
Bis(2-chloroethoxy)methane	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
Bis(2-chloroethyl)ether	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Bis(2-chloroisopropyl)ether	1.32	0.34	mg/Kg wet	1.67		79.0	40-140				
Bis(2-Ethylhexyl)phthalate	1.88	0.34	mg/Kg wet	1.67		113	40-140				
4-Bromophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.5	40-140				
Butylbenzylphthalate	1.97	0.66	mg/Kg wet	1.67		118	40-140				
4-Chloroaniline	0.802	0.66	mg/Kg wet	1.67		48.1	15-140				†
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.5	40-140				
2-Chlorophenol	1.39	0.34	mg/Kg wet	1.67		83.5	30-130				
Chrysene	1.58	0.17	mg/Kg wet	1.67		94.6	40-140				
Dibenz(a,h)anthracene	1.47	0.17	mg/Kg wet	1.67		88.4	40-140				
Dibenzofuran	1.54	0.34	mg/Kg wet	1.67		92.2	40-140				
Di-n-butylphthalate	1.81	0.34	mg/Kg wet	1.67		109	40-140				
1,2-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.1	40-140				
1,3-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.4	40-140				
1,4-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.7	40-140				
3,3-Dichlorobenzidine	1.14	0.17	mg/Kg wet	1.67		68.5	40-140				
2,4-Dichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130				
Diethylphthalate	1.73	0.34	mg/Kg wet	1.67		104	40-140				
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.1	30-130				
Dimethylphthalate	1.62	0.66	mg/Kg wet	1.67		97.5	40-140				
2,4-Dinitrophenol	1.23	0.66	mg/Kg wet	1.67		74.0	15-140			R-05	†
2,4-Dinitrotoluene	1.79	0.34	mg/Kg wet	1.67		108	40-140				
2,6-Dinitrotoluene	1.64	0.34	mg/Kg wet	1.67		98.4	40-140				
Di-n-octylphthalate	1.58	0.66	mg/Kg wet	1.67		94.8	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.34	mg/Kg wet	1.67		90.9	40-140				
Fluoranthene	1.60	0.17	mg/Kg wet	1.67		96.1	40-140				
Fluorene	1.66	0.17	mg/Kg wet	1.67		99.6	40-140				
Hexachlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.4	40-140				
Hexachlorobutadiene	1.58	0.34	mg/Kg wet	1.67		95.1	40-140				
Hexachloroethane	1.42	0.34	mg/Kg wet	1.67		85.0	40-140				
Indeno(1,2,3-cd)pyrene	1.45	0.17	mg/Kg wet	1.67		87.1	40-140				
Isophorone	1.57	0.34	mg/Kg wet	1.67		94.1	40-140				
2-Methylnaphthalene	1.44	0.17	mg/Kg wet	1.67		86.4	40-140				
2-Methylphenol	1.40	0.34	mg/Kg wet	1.67		83.9	30-130				
3/4-Methylphenol	1.27	0.34	mg/Kg wet	1.67		76.4	30-130				
Naphthalene	1.38	0.17	mg/Kg wet	1.67		82.8	40-140				
Nitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.5	40-140				
2-Nitrophenol	1.44	0.34	mg/Kg wet	1.67		86.6	30-130				
4-Nitrophenol	2.07	0.66	mg/Kg wet	1.67		124	15-140			V-06	†
Pentachlorophenol	1.38	0.34	mg/Kg wet	1.67		83.1	30-130				
Phenanthrene	1.54	0.17	mg/Kg wet	1.67		92.7	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 B038502 - SW-846 3546													
LCS (B038502-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11									
Phenol	1.49	0.34	mg/Kg wet	1.67		89.2		15-140					†
Pyrene	2.00	0.17	mg/Kg wet	1.67		120		40-140					
1,2,4-Trichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.1		40-140					
2,4,5-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.5		30-130					
2,4,6-Trichlorophenol	1.54	0.34	mg/Kg wet	1.67		92.4		30-130					
Surrogate: 2-Fluorophenol	*6.28*		mg/Kg wet	6.67		94.2		30-130					
Surrogate: Phenol-d6	*6.29*		mg/Kg wet	6.67		94.4		30-130					
Surrogate: Nitrobenzene-d5	*3.07*		mg/Kg wet	3.33		92.0		30-130					
Surrogate: 2-Fluorobiphenyl	*2.86*		mg/Kg wet	3.33		85.8		30-130					
Surrogate: 2,4,6-Tribromophenol	*9.90*		mg/Kg wet	6.67		**149**	*	30-130				S-07	
Surrogate: Terphenyl-d14	*4.46*		mg/Kg wet	3.33		**134**	*	30-130				S-07	
LCS Dup (B038502-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11									
Acenaphthene	1.49	0.17	mg/Kg wet	1.67		89.2		40-140	1.09		30		
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.8		40-140	1.42		30		
Acetophenone	1.56	0.34	mg/Kg wet	1.67		93.7		40-140	4.74		30		
Aniline	1.02	0.34	mg/Kg wet	1.67		61.3		40-140	4.10		30		
Anthracene	1.59	0.17	mg/Kg wet	1.67		95.1		40-140	1.19		30		
Benzo(a)anthracene	1.56	0.17	mg/Kg wet	1.67		93.9		40-140	1.89		30		
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.2		40-140	2.70		30		
Benzo(b)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.3		40-140	2.76		30		
Benzo(g,h,i)perylene	1.62	0.17	mg/Kg wet	1.67		97.1		40-140	5.55		30		
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.6		40-140	1.62		30		
Bis(2-chloroethoxy)methane	1.57	0.34	mg/Kg wet	1.67		94.4		40-140	1.56		30		
Bis(2-chloroethyl)ether	1.43	0.34	mg/Kg wet	1.67		85.5		40-140	1.34		30		
Bis(2-chloroisopropyl)ether	1.31	0.34	mg/Kg wet	1.67		78.5		40-140	0.559		30		
Bis(2-Ethylhexyl)phthalate	1.90	0.34	mg/Kg wet	1.67		114		40-140	1.07		30		
4-Bromophenylphenylether	1.65	0.34	mg/Kg wet	1.67		98.9		40-140	12.3		30		
Butylbenzylphthalate	1.91	0.66	mg/Kg wet	1.67		115		40-140	2.89		30		
4-Chloroaniline	0.785	0.66	mg/Kg wet	1.67		47.1		15-140	2.18		30		†
2-Chloronaphthalene	1.21	0.34	mg/Kg wet	1.67		72.5		40-140	4.26		30		
2-Chlorophenol	1.44	0.34	mg/Kg wet	1.67		86.6		30-130	3.67		30		
Chrysene	1.63	0.17	mg/Kg wet	1.67		97.5		40-140	3.04		30		
Dibenz(a,h)anthracene	1.64	0.17	mg/Kg wet	1.67		98.3		40-140	10.6		30		
Dibenzofuran	1.51	0.34	mg/Kg wet	1.67		90.5		40-140	1.86		30		
Di-n-butylphthalate	1.72	0.34	mg/Kg wet	1.67		103		40-140	5.22		30		
1,2-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.9		40-140	0.906		30		
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.3		40-140	1.23		30		
1,4-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.5		40-140	3.40		30		
3,3-Dichlorobenzidine	1.18	0.17	mg/Kg wet	1.67		70.6		40-140	3.13		30		
2,4-Dichlorophenol	1.62	0.34	mg/Kg wet	1.67		97.1		30-130	4.18		30		
Diethylphthalate	1.51	0.34	mg/Kg wet	1.67		90.6		40-140	13.7		30		
2,4-Dimethylphenol	1.50	0.34	mg/Kg wet	1.67		90.1		30-130	2.25		30		
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		91.7		40-140	6.11		30		
2,4-Dinitrophenol	0.806	0.66	mg/Kg wet	1.67		48.4		15-140	**41.9**	*	30	R-05	†
2,4-Dinitrotoluene	1.48	0.34	mg/Kg wet	1.67		88.8		40-140	19.0		30		
2,6-Dinitrotoluene	1.46	0.34	mg/Kg wet	1.67		87.8		40-140	11.4		30		
Di-n-octylphthalate	1.49	0.66	mg/Kg wet	1.67		89.3		40-140	6.00		30		
1,2-Diphenylhydrazine (as Azobenzene)	1.68	0.34	mg/Kg wet	1.67		101		40-140	10.1		30		
Fluoranthene	1.50	0.17	mg/Kg wet	1.67		90.1		40-140	6.47		30		
Fluorene	1.55	0.17	mg/Kg wet	1.67		92.9		40-140	6.96		30		
Hexachlorobenzene	1.67	0.34	mg/Kg wet	1.67		100		40-140	9.11		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 B038502 - SW-846 3546											
LCS Dup (B038502-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11							
Hexachlorobutadiene	1.61	0.34	mg/Kg wet	1.67		96.6	40-140	1.63	30		
Hexachloroethane	1.44	0.34	mg/Kg wet	1.67		86.5	40-140	1.75	30		
Indeno(1,2,3-cd)pyrene	1.59	0.17	mg/Kg wet	1.67		95.2	40-140	8.84	30		
Isophorone	1.60	0.34	mg/Kg wet	1.67		96.1	40-140	2.04	30		
2-Methylnaphthalene	1.44	0.17	mg/Kg wet	1.67		86.5	40-140	0.139	30		
2-Methylphenol	1.46	0.34	mg/Kg wet	1.67		87.6	30-130	4.34	30		
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.3	30-130	2.46	30		
Naphthalene	1.40	0.17	mg/Kg wet	1.67		84.2	40-140	1.61	30		
Nitrobenzene	1.50	0.34	mg/Kg wet	1.67		90.2	40-140	3.02	30		
2-Nitrophenol	1.48	0.34	mg/Kg wet	1.67		88.5	30-130	2.19	30		
4-Nitrophenol	1.62	0.66	mg/Kg wet	1.67		97.1	15-140	24.4	30	V-06	†
Pentachlorophenol	1.22	0.34	mg/Kg wet	1.67		73.1	30-130	12.8	30		
Phenanthrene	1.54	0.17	mg/Kg wet	1.67		92.1	40-140	0.628	30		
Phenol	1.54	0.34	mg/Kg wet	1.67		92.3	15-140	3.37	30		†
Pyrene	1.89	0.17	mg/Kg wet	1.67		113	40-140	5.54	30		
1,2,4-Trichlorobenzene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140	1.14	30		
2,4,5-Trichlorophenol	1.63	0.34	mg/Kg wet	1.67		97.5	30-130	2.13	30		
2,4,6-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		94.6	30-130	2.42	30		
Surrogate: 2-Fluorophenol	*6.31*		mg/Kg wet	6.67		94.6	30-130				
Surrogate: Phenol-d6	*6.42*		mg/Kg wet	6.67		96.3	30-130				
Surrogate: Nitrobenzene-d5	*3.07*		mg/Kg wet	3.33		92.2	30-130				
Surrogate: 2-Fluorobiphenyl	*3.01*		mg/Kg wet	3.33		90.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.81*		mg/Kg wet	6.67		117	30-130				
Surrogate: Terphenyl-d14	*4.03*		mg/Kg wet	3.33		121	30-130				

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
Blank (B038360-BLK1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.129*		mg/Kg wet	0.200		64.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.128*		mg/Kg wet	0.200		64.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.143*		mg/Kg wet	0.200		71.3	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
LCS (B038360-BS1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Aldrin [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
beta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
delta-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		106	40-140			
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		109	40-140			
4,4'-DDD	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
4,4'-DDD [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
4,4'-DDT	0.024	0.0040	mg/Kg wet	0.0200		119	40-140			
4,4'-DDT [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
Dieldrin [2C]	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		122	40-140			
Endosulfan II [2C]	0.023	0.0080	mg/Kg wet	0.0200		116	40-140			
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		118	40-140			
Endrin	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endrin [2C]	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		98.1	40-140			
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
Hexachlorobenzene	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Hexachlorobenzene [2C]	0.021	0.0050	mg/Kg wet	0.0200		105	40-140			
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		122	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		122	40-140			
Surrogate: Decachlorobiphenyl	*0.157*		mg/Kg wet	0.200		78.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.156*		mg/Kg wet	0.200		78.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			
LCS Dup (B038360-BSD1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	6.98	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	7.32	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	7.18	30	
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	7.21	30	
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	7.79	30	
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	6.58	30	
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	6.63	30	
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	5.31	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		113	40-140	6.81	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		116	40-140	6.72	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
LCS Dup (B038360-BSD1)				Prepared: 10/03/11 Analyzed: 10/06/11						
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	5.63	30	
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	4.94	30	
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	5.70	30	
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		118	40-140	5.84	30	
4,4'-DDT	0.025	0.0040	mg/Kg wet	0.0200		125	40-140	4.20	30	
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	4.45	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		114	40-140	5.61	30	
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	5.93	30	
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	5.45	30	
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	5.69	30	
Endosulfan II	0.026	0.0080	mg/Kg wet	0.0200		128	40-140	4.80	30	
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140	5.17	30	
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		109	40-140	4.19	30	
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		122	40-140	3.06	30	
Endrin	0.027	0.0080	mg/Kg wet	0.0200		133	40-140	3.50	30	
Endrin [2C]	0.027	0.0080	mg/Kg wet	0.0200		135	40-140	4.89	30	
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		102	40-140	4.09	30	
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	4.13	30	
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	7.40	30	
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	8.72	30	
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	6.74	30	
Heptachlor Epoxide [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	6.78	30	
Hexachlorobenzene	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	1.63	30	
Hexachlorobenzene [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140	1.22	30	
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		127	40-140	4.14	30	
Methoxychlor [2C]	0.025	0.050	mg/Kg wet	0.0200		126	40-140	3.86	30	
Surrogate: Decachlorobiphenyl	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.219*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.155*		mg/Kg wet	0.200		77.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.173*		mg/Kg wet	0.200		86.5	30-150			

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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 B038361 - SW-846 3546										
Blank (B038361-BLK1)				Prepared & Analyzed: 10/03/11						
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	*0.122*		mg/Kg wet	0.200		61.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.128*		mg/Kg wet	0.200		63.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.154*		mg/Kg wet	0.200		76.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.157*		mg/Kg wet	0.200		78.6	30-150			
LCS (B038361-BS1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.7	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.5	40-140			
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg wet	0.200		105	30-150			
LCS Dup (B038361-BSD1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140	1.72	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	0.190	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.0	40-140	1.36	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.1	40-140	1.61	30	
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		84.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.7	30-150			

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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 B038361 - SW-846 3546											
Matrix Spike (B038361-MS1)	**Source: 11I1072-01**			Prepared: 10/03/11 Analyzed: 10/04/11							
Aroclor-1016	0.26	0.11	mg/Kg dry	0.228	ND	114		40-140			
Aroclor-1016 [2C]	0.56	0.11	mg/Kg dry	0.228	ND	**245**	*	40-140			MS-21
Aroclor-1260	0.80	0.11	mg/Kg dry	0.228	ND	**350**	*	40-140			MS-21
Aroclor-1260 [2C]	0.89	0.11	mg/Kg dry	0.228	ND	**391**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.197*		mg/Kg dry	0.228		86.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg dry	0.228		91.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg dry	0.228		89.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.207*		mg/Kg dry	0.228		90.8		30-150			
Matrix Spike Dup (B038361-MSD1)	**Source: 11I1072-01**			Prepared: 10/03/11 Analyzed: 10/04/11							
Aroclor-1016	0.24	0.11	mg/Kg dry	0.226	ND	104		40-140	9.84	50	
Aroclor-1016 [2C]	0.51	0.11	mg/Kg dry	0.226	ND	**225**	*	40-140	9.57	50	MS-21
Aroclor-1260	0.73	0.11	mg/Kg dry	0.226	ND	**321**	*	40-140	9.62	50	MS-21
Aroclor-1260 [2C]	0.81	0.11	mg/Kg dry	0.226	ND	**358**	*	40-140	9.78	50	MS-21
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg dry	0.226		77.9		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg dry	0.226		82.8		30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg dry	0.226		79.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg dry	0.226		80.4		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 B038453 - SW-846 3546										
Blank (B038453-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.30*		mg/Kg wet	3.33		69.1	40-140			
LCS (B038453-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	20.3	8.3	mg/Kg wet	33.3		60.9	40-140			
Surrogate: o-Terphenyl	*2.23*		mg/Kg wet	3.33		66.9	40-140			
LCS Dup (B038453-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11						
TPH C9-C36 Hydrocarbons as Diesel	22.2	8.3	mg/Kg wet	33.3		66.6	40-140	9.02	30	
Surrogate: o-Terphenyl	*2.43*		mg/Kg wet	3.33		72.8	40-140			
Batch B038498 - SW-846 3546										
Blank (B038498-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.42*		mg/Kg wet	3.33		72.7	40-140			
LCS (B038498-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	23.9	8.3	mg/Kg wet	33.3		71.6	40-140			
Surrogate: o-Terphenyl	*2.37*		mg/Kg wet	3.33		71.0	40-140			
LCS Dup (B038498-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	23.7	8.3	mg/Kg wet	33.3		71.1	40-140	0.707	30	
Surrogate: o-Terphenyl	*2.31*		mg/Kg wet	3.33		69.4	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 B038368 - SW-846 3050B										
Blank (B038368-BLK1)				Prepared & Analyzed: 10/03/11						
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 (B038368-BS1)				Prepared & Analyzed: 10/03/11						
Arsenic	114	5.0	mg/Kg wet	109		104	83.2-117.4			
Barium	213	5.0	mg/Kg wet	206		104	83.1-116.9			
Cadmium	84.8	0.50	mg/Kg wet	80.2		106	80.7-119.1			
Chromium	121	0.99	mg/Kg wet	117		103	80.6-119.9			
Lead	72.3	1.5	mg/Kg wet	76.2		94.9	78.9-121.1			
Selenium	133	9.9	mg/Kg wet	127		104	79.2-120.3			
Silver	42.5	0.99	mg/Kg wet	41.0		104	66.3-133.7			
LCS (B038368-BS2)				Prepared & Analyzed: 10/03/11						
Lead	0.763	0.76	mg/Kg wet	0.758		101	80-120			
LCS Dup (B038368-BSD1)				Prepared & Analyzed: 10/03/11						
Arsenic	113	5.0	mg/Kg wet	109		104	83.2-117.4	0.0426	30	
Barium	211	5.0	mg/Kg wet	206		103	83.1-116.9	0.976	30	
Cadmium	83.4	0.50	mg/Kg wet	80.2		104	80.7-119.1	1.58	30	
Chromium	119	1.0	mg/Kg wet	117		102	80.6-119.9	1.66	30	
Lead	72.5	1.5	mg/Kg wet	76.2		95.2	78.9-121.1	0.256	30	
Selenium	133	10	mg/Kg wet	127		105	79.2-120.3	0.615	30	
Silver	40.7	1.0	mg/Kg wet	41.0		99.2	66.3-133.7	4.51	30	
Batch B038411 - SW-846 7471										
Blank (B038411-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B038411-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Mercury	1.09	0.095	mg/Kg wet	1.25		87.5	66-132			
LCS Dup (B038411-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11						
Mercury	1.09	0.094	mg/Kg wet	1.25		87.4	66-132	0.120	30	
Batch B038478 - SW-846 3050B										
Blank (B038478-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11						
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							

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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 B038478 - SW-846 3050B												
LCS (B038478-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11								
Arsenic	112	4.9	mg/Kg wet	109		102		83.2-117.4				
Barium	210	4.9	mg/Kg wet	206		102		83.1-116.9				
Cadmium	80.8	0.49	mg/Kg wet	80.2		101		80.7-119.1				
Chromium	119	0.99	mg/Kg wet	117		102		80.6-119.9				
Lead	72.0	1.5	mg/Kg wet	76.2		94.5		78.9-121.1				
Selenium	128	9.9	mg/Kg wet	127		100		79.2-120.3				
Silver	41.6	0.99	mg/Kg wet	41.0		101		66.3-133.7				
LCS (B038478-BS2)				Prepared: 10/04/11 Analyzed: 10/05/11								
Lead	0.755	0.73	mg/Kg wet	0.734		103		80-120				
LCS Dup (B038478-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11								
Arsenic	112	5.1	mg/Kg wet	109		102		83.2-117.4	0.0416		30	
Barium	207	5.1	mg/Kg wet	206		100		83.1-116.9	1.56		30	
Cadmium	80.2	0.51	mg/Kg wet	80.2		100		80.7-119.1	0.765		30	
Chromium	117	1.0	mg/Kg wet	117		99.8		80.6-119.9	1.89		30	
Lead	72.4	1.5	mg/Kg wet	76.2		95.0		78.9-121.1	0.528		30	
Selenium	128	10	mg/Kg wet	127		101		79.2-120.3	0.667		30	
Silver	41.1	1.0	mg/Kg wet	41.0		100		66.3-133.7	1.13		30	
Duplicate (B038478-DUP1)	**Source: 11I1072-03**			Prepared: 10/04/11 Analyzed: 10/05/11								
Arsenic	ND	2.8	mg/Kg dry		ND				NC		35	
Barium	208	2.8	mg/Kg dry		241				14.7		35	
Cadmium	2.04	0.28	mg/Kg dry		1.84				10.7		35	
Chromium	89.3	0.56	mg/Kg dry		22.9				**118**	*	35	R-02
Lead	406	0.84	mg/Kg dry		423				4.09		35	
Selenium	ND	5.6	mg/Kg dry		ND				NC		35	
Silver	ND	0.56	mg/Kg dry		ND				NC		35	
Matrix Spike (B038478-MS1)	**Source: 11I1072-03**			Prepared: 10/04/11 Analyzed: 10/05/11								
Arsenic	30.2	2.8	mg/Kg dry	27.9	2.35	99.9		75-125				
Barium	255	2.8	mg/Kg dry	27.9	241	**51.9**	*	75-125				MS-19
Cadmium	29.5	0.28	mg/Kg dry	27.9	1.84	99.4		75-125				
Chromium	51.9	0.56	mg/Kg dry	27.9	22.9	104		75-125				
Lead	439	0.84	mg/Kg dry	27.9	423	**58.2**	*	75-125				MS-19
Selenium	22.7	5.6	mg/Kg dry	27.9	ND	81.6		75-125				
Silver	27.0	0.56	mg/Kg dry	27.9	0.466	95.3		75-125				
Batch B038546 - SW-846 7471												
Blank (B038546-BLK1)				Prepared & Analyzed: 10/05/11								
Mercury	ND	0.025	mg/Kg wet									

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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 B038546 - SW-846 7471										
LCS (B038546-BS1)				Prepared & Analyzed: 10/05/11						
Mercury	1.04	0.093	mg/Kg wet	1.25		83.1	66-132			
LCS Dup (B038546-BSD1)				Prepared & Analyzed: 10/05/11						
Mercury	0.945	0.093	mg/Kg wet	1.25		75.6	66-132	9.52	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 B038318 - SW-846 1010										
Blank (B038318-BLK1)				Prepared & Analyzed: 09/30/11						
Flashpoint	> 212 °F		°F							
LCS (B038318-BS1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B038318-BSD1)				Prepared & Analyzed: 09/30/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	
Batch B038319 - SW-846 9014										
Blank (B038319-BLK1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B038319-BS1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	0-200			
Batch B038320 - SW-846 9030A										
Blank (B038320-BLK1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B038320-BS1)				Prepared: 09/30/11 Analyzed: 10/03/11						
Reactive Sulfide	8.4	2.0	mg/Kg	15.2		55.3	0-200			
Batch B038405 - SM18-20 2510B										
Blank (B038405-BLK1)				Prepared & Analyzed: 10/03/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B038405-BS1)				Prepared & Analyzed: 10/03/11						
Specific conductance	150	2.0	µmhos/cm	147		98.9	78.2-106			

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BREAKDOWN REPORT

Lab Sample ID: **S001112-PEM1** **Analyzed:** **10/06/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.64
Endrin [1]	5.37

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	0.84
Endrin [2]	3.36

BREAKDOWN REPORT

Lab Sample ID: **S001113-PEM1** **Analyzed:** **10/06/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	0.94
Endrin [1]	3.00

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	2.35
Endrin [2]	4.50

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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.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
H-03	Sample received after recommended holding time was exceeded.
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.
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.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
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-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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.

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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME

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 8260C in Soil	
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test ANALYTICAL LABORATORY
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

11I1072

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA 01854
Attention: DAVID SULLIVAN
Project Location: NBHS RAM
Sampled By: JEFF R.

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

Telephone: 978-970-5600
Project #: 115058
Client PO#: 30222

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ☑ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ○ GIS
○ OTHER ____________
○ "Enhanced Data Package"

Analysis Requested	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH	REACTIVE CYANIDE / SULFIDE	TPH BY 8100 in DRO	CORROSIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
# of Containers	9	3	3	3							
** Preservation	Di/M	-	-	-							
*** Container Code	V	A8	G4	G4							

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	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / CORROSIVITY	REACTIVE	TPH BY 8100	CORROSIVITY	TCLP RCRA 8 METALS
-01	STKP D2-8	9/28	11:45	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP-D2-9	9/28	12:15	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP. D2-10	9/28	13:55	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

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:
09-29-11 21:13 IN

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

Signature	Date/Time
Relinquished by: (signature) [signature]	9/29 1030
Received by: (signature) [signature]	9-29-11 1030
Relinquished by: (signature) [signature]	9-29-11 1827
Received by: (signature) [signature] 5.9°	9/29/11 18:27

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY NH.

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ________

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

11I1072

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA 01854
Attention: DAVID SULLIVAN
Project Location: NSHS RAM
Sampled By: JEFF R.

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS ○ OTHER

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

○ "Enhanced Data Package"

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	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH	REACTIVE CYANIDE SULFIDE	TPH By 8100 M Dro	CORROSIVITY (conductivity)	TCLP RCRA 8 METALS EXTRACTION
-01	STKP D2-8	9/28	11:45	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP-D2-9	9/28	12:15	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP. D2-10	9/28	13:55	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

				# of Containers
ST/M	-	-	-	** Preservation
V	A[8]	G[4]	G[4]	***Container Code

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:
09-29-11 21:13 IN

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: 9/29 10:20	Turnaround ††: ☐ 7-Day ☐ 10-Day ☑ Other 5 DAY
Received by: (signature)	Date/Time: 9-29-11 10:20	RUSH †: ☐ †24-Hr ☐ †48-Hr ☐ †72-Hr ☐ †4-Day
Relinquished by: (signature)	Date/Time: 9-29-11 1827	† Require lab approval
Received by: (signature) 5.94	Date/Time: 9/29/11 18:27	

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY NH.

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: C.C-S. DATE: 9/29/11

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

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 (NA) C.C-S.

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.9

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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)	3	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	9	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 3

Bisulfate _____ # DI Water 6

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 09-29-11 21:13 IN

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

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

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

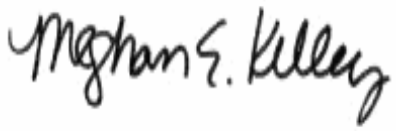
October 7, 2011

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

Project Location: NBHS RAM
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11J0182

Enclosed are results of analyses for samples received by the laboratory on October 6, 2011. 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: 10/7/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0182

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

PROJECT LOCATION: NBHS RAM

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-5	11J0182-01	Soil		SW-846 6010C	
STKP D2-6	11J0182-02	Soil		SW-846 6010C	
STKP D2-7	11J0182-03	Soil		SW-846 6010C	

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ANALYTICAL LABORATORY
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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 lead was requested and reported.

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

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

Project Location: NBHS RAM | Sample Description: | Work Order: 11J0182

Date Received: 10/6/2011

Field Sample #: STKP D2-5 | Sampled: 9/27/2011 10:30

Sample ID: 11J0182-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.58	0.010	mg/L	1		SW-846 6010C	10/7/11	10/7/11 13:10	OP

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Project Location: NBHS RAM | Sample Description: | Work Order: 11J0182

Date Received: 10/6/2011

Field Sample #: STKP D2-6 | Sampled: 9/27/2011 11:15

Sample ID: 11J0182-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.38	0.010	mg/L	1		SW-846 6010C	10/7/11	10/7/11 13:59	OP

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Project Location: NBHS RAM | Sample Description: | Work Order: 11J0182

Date Received: 10/6/2011

Field Sample #: STKP D2-7 | Sampled: 9/27/2011 12:00

Sample ID: 11J0182-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.37	0.010	mg/L	1		SW-846 6010C	10/7/11	10/7/11 14:10	OP

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0182-02 [STKP D2-6]	B038741	50.0	50.0	10/07/11
11J0182-03 [STKP D2-7]	B038741	50.0	50.0	10/07/11

Prep Method: SW-846 3010A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0182-01 [STKP D2-5]	B038742	50.0	50.0	10/07/11

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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 B038741 - SW-846 3010A										
Blank (B038741-BLK1)				Prepared & Analyzed: 10/07/11						
Lead	ND	0.010	mg/L							
LCS (B038741-BS1)				Prepared & Analyzed: 10/07/11						
Lead	0.465	0.010	mg/L	0.500		92.9	80-120			
Matrix Spike (B038741-MS1)	**Source: 11J0182-02**			Prepared & Analyzed: 10/07/11						
Lead	0.867	0.010	mg/L	0.500	0.384	96.6	75-125			
Batch B038742 - SW-846 3010A										
Blank (B038742-BLK1)				Prepared & Analyzed: 10/07/11						
Lead	ND	0.010	mg/L							
LCS (B038742-BS1)				Prepared & Analyzed: 10/07/11						
Lead	0.454	0.010	mg/L	0.500		90.8	80-120			
LCS Dup (B038742-BSD1)				Prepared & Analyzed: 10/07/11						
Lead	0.471	0.010	mg/L	0.500		94.3	80-120	3.72	20	
Matrix Spike (B038742-MS1)	**Source: 11J0182-01**			Prepared & Analyzed: 10/07/11						
Lead	0.992	0.010	mg/L	0.500	0.577	82.9	75-125			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

~~H I 1040~~ MK
11J0182

Company Name: TRC
Telephone: 978-656-3565
Address: 650 SUFFOLK ST. LOWELL MA
Project # 115058
Client PO# 36222
Attention: DAVID SULLIVAN
Project Location: NBHS RAM
Sampled By: J. ROBINSON / J. FIERO

DATA DELIVERY (check all that apply): O FAX ☑ EMAIL ☑ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL O GIS O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes) O yes ______ proposal date

# of Containers									9	3	3	3								
** Preservation									I/M	-	-	-								
***Container Code									V	A8	G4	G4								
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		VOCs BY 8260	SVOCs BY 8270	RCRA 8 TOTAL METALS.	PCBs 8082	PESTICIDES	HERBICIDES.	IGNITABILITY / F.P. CORROSIVITY / pH.	REACTIVE CYANIDE X SULFIDE	TPH By 8100 M. DRO	CONDUCTIVITY	TCLP RCRA-8 METALS EXTRACT / HOLD	
01	STKP DZ-5	9/27	10:30	✓	VOC	S	U		✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	
02	STKP DZ-6	9/27	11:15	✓	VOC	S	U		✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	
03	STKP DZ-7	9/27	12:00	✓	VOC	S	U		✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	

Dissolved Metals: O Field Filtered O 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:
⊛ Activate all three samples for TCLP Pb per attached email. Rush TAT. KK 10/10/2011

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

Signature	Date/Time
Relinquished by: (signature) Jason C. Fiero	9/28
Received by: (signature) [signature]	9-28-11 1350
Relinquished by: (signature) [signature]	9-28-11 1844
Received by: (signature) C. Clough-Segall 5.3°C	9/28/11 18:55

Turnaround ††: ☐ 7-Day ☐ 10-Day ☑ Other 5 Day
RUSH †: ☐ †24-Hr ☐ †48-Hr ☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COM. 97
Connecticut:
Other: TURNKEY NH

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # ______

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Thursday, October 06, 2011 10:55 AM
To: Meghan Kelley
Cc: Tuttle, Dennis (Lowell,MA-US); Sullivan, Dave (Lowell,MA-US)
Subject: FW: Con-Test Analytical Laboratory Project: City of New Bedford (NBHS)
Attachments: 11I1040 09 28 11 2315_01.PDF

Meghan,

Base on the preliminary results available on the website, please proceed with the TCLP lead analyses for TRC samples STKP-D2-5, STKP-D2-6 and STKP-D2-7 (all samples in WO #11I1040). Please rush the turn and include the results in the 11I1040 report (if possible).

Any update on when a final 11I0944 report will be issued?

-Jeff

-----Original Message-----
From: Con-Test Reports-Do Not Reply [mailto:reports@contestlabs.com]
Sent: Wednesday, September 28, 2011 11:30 PM
To: Sullivan, Dave (Lowell,MA-US)
Cc: Saunders, Jeffry (Lowell,MA-US); Denly, Elizabeth (Lowell,MA-US); Zhou, Ping (Lowell,MA-US); Fiero, Jason (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: Con-Test Analytical Laboratory Project: City of New Bedford (NBHS)

This is an automated email message from the Element DataSystem(r) LIMS at Con-Test Analytical Laboratory. It includes an attachment in Portable Document File (PDF) format. If you have any questions about this email or if this email has been sent to you in error, please contact:

Con-Test Analytical Laboratory
39 Spruce Street
East Longmeadow, MA 01028
413.525.2332 Phone
413.525.6405 Fax

Submitting Client: TRC Solutions - Lowell Project Name: City of New Bedford (NBHS)

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11J0182
Project Location: NBHS RAM	RTN:

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

11J0182-01 thru 11J0182-03

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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]
	<u>Data User Note:</u> 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: 10/07/11

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

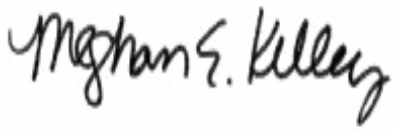
October 10, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11J0255

Enclosed are results of analyses for samples received by the laboratory on October 7, 2011. 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: 10/10/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0255

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D2-8	11J0255-01	Soil		SW-846 6010C	
STKP D2-9	11J0255-02	Soil		SW-846 6010C	
STKP D2-10	11J0255-03	Soil		SW-846 6010C	

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 lead was requested and reported.

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

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0255

Date Received: 10/7/2011

Field Sample #: STKP D2-8 | Sampled: 9/28/2011 11:45

Sample ID: 11J0255-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.54	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 15:09	OP

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0255

Date Received: 10/7/2011

Field Sample #: STKP D2-9 | Sampled: 9/28/2011 12:15

Sample ID: 11J0255-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.54	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 15:30	OP

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0255

Date Received: 10/7/2011

Field Sample #: STKP D2-10 | Sampled: 9/28/2011 13:55

Sample ID: 11J0255-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.42	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 15:36	OP

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

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0255-01 [STKP D2-8]	B038852	50.0	50.0	10/10/11
11J0255-02 [STKP D2-9]	B038852	50.0	50.0	10/10/11
11J0255-03 [STKP D2-10]	B038852	50.0	50.0	10/10/11

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

QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038852 - SW-846 3010A										
Blank (B038852-BLK1)				Prepared & Analyzed: 10/10/11						
Lead	ND	0.010	mg/L							
LCS (B038852-BS1)				Prepared & Analyzed: 10/10/11						
Lead	0.542	0.010	mg/L	0.500		108	80-120			
LCS Dup (B038852-BSD1)				Prepared & Analyzed: 10/10/11						
Lead	0.528	0.010	mg/L	0.500		106	80-120	2.53	20	
Matrix Spike (B038852-MS1)	**Source: 11J0255-01**			Prepared & Analyzed: 10/10/11						
Lead	1.08	0.010	mg/L	0.500	0.544	107	75-125			

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

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.

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 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

~~HE10724K~~ TJ0255

Company Name: TRC
Address: 650 SUFFOLK ST.
LOWELL MA 01854
Attention: DAVID SULLIVAN
Project Location: NBHS RAM
Sampled By: JEFF R.
Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOC, 8260	SVOC, 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / PH	REACTIVE CYANIDE & SULFIDE	TPH By 8100 or DRO	CORROSIVITY	TCLP RCRA 8 METALS EXTRACT
-01	STKP D2-8	9/28	11:45	✓	VOC	S	L	3	-	A²	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP-D2-9	9/28	12:15	✓	VOC	S	L	3	-	G⁴	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP. D2-10	9/28	13:55	✓	VOC	S	L	3	-	G⁴	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
Reactivity for TCLP's per attached email on a Rush TAT.																					

ANALYSIS REQUESTED

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:
09-29-11 21:13 IN

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:
Jason C. Fino	9/29 1020
Received by: (signature)	Date/Time:
	9-29-11 1020
Relinquished by: (signature)	Date/Time:
	9-29-11 1827
Received by: (signature)	Date/Time:
	9/29/11 18:27

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY NH.

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

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CHAIN OF CUSTODY RECORD

11I1072

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: TRC
Address: 650 SUFFOLK ST. LOWELL MA 01854
Attention: DAVID SULLIVAN
Project Location: NBHS RAM
Sampled By: JEFF R.

Project Proposal Provided? (for billing purposes) O yes ____ proposal date

Telephone: 978-970-5600
Project #: 115058
Client PO#: 36222

DATA DELIVERY (check all that apply): O FAX ☑ EMAIL ☑ WEBSITE
Fax #:
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL O GIS O OTHER ____ O "Enhanced Data Package"

	VOC: 8260	SVOC: 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH	REACTIVE CYANIDE & SULFIDE	TPH BY 8100 m	~~CORROSIVITY~~ Conductivity	TCLP RCRA 8 METALS EXTRACT 7 Hold
# of Containers	9	3	3	3					1/80	4	
** Preservation	BI/M	-	-	-							
***Container Code	V	A8	G4	G4							

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOC 8260	SVOC 8270	RCRA 8 Total Metals	PCBs 8082	Pesticides	Herbicides	Ignitability/Corrosivity	Reactive	TPH 8100	Conductivity	TCLP RCRA 8
-01	STKP D2-8	9/28	11:45	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-02	STKP-D2-9	9/28	12:15	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
-03	STKP-D2-10	9/28	13:55	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

Comments: 09-29-11 21:13 IN

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

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
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G=glass
P=plastic
ST=sterile
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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____

Signature	Date/Time
Relinquished by: (signature) [signature]	9/29 1000
Received by: (signature) [signature]	9-29-11 1020
Relinquished by: (signature) [signature]	9-29-11 1827
Received by: (signature) [signature] 5.9°C	9/29/11 18:27

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM 97
Connecticut:
Other: TURNKEY NH.

Is your project MCP or RCP?
O MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # ____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

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Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Friday, October 07, 2011 4:08 PM
To: Meghan Kelley
Cc: Sullivan, Dave (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: TCLP Authorizations

Meghan,

Based on the preliminary results available on the website, please proceed with the TCLP lead analyses for samples STKP-D2-8 through STKP-D2-10 in WO #11I1072 and samples STKP-D3-1 through STKP-D3-4 in WO #11I1151 (i.e., all samples in both work orders).

In addition, can you please give me an update on the timeframe for receiving these two reports? If possible, please rush the turnaround to include these results in the above mentioned work orders if at all possible.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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Stockpile D3

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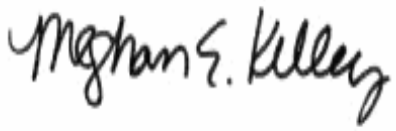
October 10, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11I1151

Enclosed are results of analyses for samples received by the laboratory on September 30, 2011. 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: 10/10/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1151

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D3-1	11I1151-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D3-2	11I1151-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/10/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I1151

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D3-3	11I1151-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP D3-4	11I1151-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals were requested and reported.

SW-846 6010C

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:

Chromium, Selenium

11I1151-01[STKP D3-1], B038392-MS1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Barium, Lead

11I1151-01[STKP D3-1], B038392-MS1

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Chromium

11I1151-01[STKP D3-1], B038392-DUP1

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene), p-Isopropyltoluene (p-Cymene)

B038457-BS1, B038457-BSD1

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:

Naphthalene, Vinyl Chloride

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4], 11I1151-04RE1[STKP D3-4], B038363-BLK1, B038363-BS1, B038363-BSD1, B038457-BLK1, B038457-BS1, B038457-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:

1,2,4-Trichlorobenzene, tert-Butylbenzene, Vinyl Chloride

B038363-BSD1, B038457-BSD1, B038363-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, Bromomethane

B038457-BS1, B038457-BSD1, B038363-BS1, B038363-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:

Tetrahydrofuran

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4], B038363-BLK1, B038363-BS1, B038363-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Carbon Disulfide, Naphthalene

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4], 11I1151-04RE1[STKP D3-4], B038363-BLK1, B038363-BS1, B038363-BSD1, B038457-BLK1, B038457-BS1, B038457-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

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4], 11I1151-04RE1[STKP D3-4], B038363-BLK1, B038363-BS1, B038363-BSD1, B038457-BLK1, B038457-BS1, B038457-BSD1

Internal standard area <50% of associated calibration standard internal standard area.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane (DBCP), 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Hexachlorobutadiene, Naphthalene, n-Butylbenzene, p-Isopropyltoluene (p-Cymene), sec-Butylbenzene, tert-Butylbenzene

11I1151-04[STKP D3-4], 11I1151-04RE1[STKP D3-4]

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:

Diethyl Ether

B038363-BS1, B038363-BSD1, B038457-BS1, B038457-BSD1

SW-846 8270D

Qualifications:

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:

2,4-Dinitrophenol

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4], B038502-BLK1, B038502-BS1, B038502-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-04[STKP D3-4]

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

B038502-BS1

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

Analyte & Samples(s) Qualified:

4-Nitrophenol, Indeno(1,2,3-cd)pyrene

B038502-BLK1, B038502-BS1, B038502-BSD1, 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

11I1151-01[STKP D3-1], 11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4]

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:

2,4-Dinitrophenol

11I1151-02[STKP D3-2], 11I1151-03[STKP D3-3], 11I1151-04[STKP D3-4]

SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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 | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.052	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Bromoform	ND	0.0010	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Bromomethane	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Carbon Disulfide	ND	0.0031	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Carbon Tetrachloride	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Chlorodibromomethane	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Chloroethane	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Chloromethane	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,3-Dichloropropane	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
cis-1,3-Dichloropropene	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
trans-1,3-Dichloropropene	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Diethyl Ether	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Diisopropyl Ether (DIPE)	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,4-Dioxane	ND	0.052	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:23	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Isopropylbenzene (Cumene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Methylene Chloride	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Naphthalene	ND	0.0052	mg/Kg dry	1	L-04, V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.00052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Tetrahydrofuran	ND	0.0052	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2,3-Trichlorobenzene	ND	0.0052	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2,4-Trichlorobenzene	ND	0.0052	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
Vinyl Chloride	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	113	70-130		10/3/11 8:23
Toluene-d8	103	70-130		10/3/11 8:23
4-Bromofluorobenzene	94.0	70-130		10/3/11 8:23

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Aniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Anthracene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Benzo(a)anthracene	0.98	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Benzo(a)pyrene	0.78	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Benzo(b)fluoranthene	0.93	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Benzo(g,h,i)perylene	0.64	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Benzo(k)fluoranthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/7/11 12:34	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Chrysene	1.1	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Dibenz(a,h)anthracene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-19	SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/7/11 12:34	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Fluoranthene	1.9	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Fluorene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Indeno(1,2,3-cd)pyrene	0.78	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

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	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Naphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Phenanthrene	1.5	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
Pyrene	1.8	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/7/11 12:34	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	47.6	30-130		10/7/11 12:34
Phenol-d6	46.8	30-130		10/7/11 12:34
Nitrobenzene-d5	41.9	30-130		10/7/11 12:34
2-Fluorobiphenyl	45.8	30-130		10/7/11 12:34
2,4,6-Tribromophenol	55.0	30-130		10/7/11 12:34
Terphenyl-d14	47.7	30-130		10/7/11 12:34

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
alpha-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
beta-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
delta-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
gamma-BHC (Lindane) [1]	ND	0.011	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Chlordane [1]	ND	0.11	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
4,4'-DDD [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
4,4'-DDE [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
4,4'-DDT [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Dieldrin [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Endosulfan I [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Endosulfan II [1]	ND	0.044	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Endosulfan sulfate [1]	ND	0.044	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Endrin [1]	ND	0.044	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Endrin ketone [1]	ND	0.044	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Heptachlor [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Heptachlor epoxide [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Hexachlorobenzene [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG
Methoxychlor [1]	ND	0.27	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:30	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.2	30-150		10/6/11 20:30
Decachlorobiphenyl [2]	101	30-150		10/6/11 20:30
Tetrachloro-m-xylene [1]	91.5	30-150		10/6/11 20:30
Tetrachloro-m-xylene [2]	87.7	30-150		10/6/11 20:30

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

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 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1254 [2]	0.73	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 0:55	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.4	30-150		10/4/11 0:55
Decachlorobiphenyl [2]	97.7	30-150		10/4/11 0:55
Tetrachloro-m-xylene [1]	95.3	30-150		10/4/11 0:55
Tetrachloro-m-xylene [2]	98.3	30-150		10/4/11 0:55

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

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	330	93	mg/Kg dry	5		SW-846 8100 Modified	10/4/11	10/6/11 21:12	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	52.3	40-140					10/6/11 21:12

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

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 6010C	10/3/11	10/4/11 17:52	OP
Barium	310	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	10/3/11	10/4/11 17:52	OP
Cadmium	2.0	0.27	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 17:52	OP
Chromium	35	0.55	mg/Kg dry	1	MS-07, R-02	SW-846 6010C	10/3/11	10/4/11 17:52	OP
Lead	560	0.82	mg/Kg dry	1	MS-19	SW-846 6010C	10/3/11	10/4/11 17:52	OP
Mercury	0.59	0.055	mg/Kg dry	2		SW-846 7471B	10/6/11	10/7/11 12:28	AMR
Selenium	ND	5.5	mg/Kg dry	1	MS-07	SW-846 6010C	10/3/11	10/4/11 17:52	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 17:52	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11I1151-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/4/11	10/4/11 15:10	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/4/11	10/4/11 13:50	VAK
pH @25.4°C	6.1		pH Units	1		SW-846 9045C	9/30/11	9/30/11 19:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/4/11	10/6/11 14:18	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/4/11	10/6/11 14:29	DEF
Specific conductance	4.5	2.0	µmhos/cm	1		SM18-20 2510B	10/5/11	10/5/11 14:00	LL
% Solids	89.1		% Wt	1		SM 2540G	10/5/11	10/6/11 9:20	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Bromoform	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Chloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Diethyl Ether	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 8:49	MFF

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Methylene Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Naphthalene	ND	0.0066	mg/Kg dry	1	L-04, V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2,3-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2,4-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 8:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		10/3/11 8:49
Toluene-d8	103	70-130		10/3/11 8:49
4-Bromofluorobenzene	95.4	70-130		10/3/11 8:49

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Aniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Anthracene	0.41	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Benzo(a)anthracene	0.89	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Benzo(a)pyrene	0.69	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Benzo(b)fluoranthene	0.81	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Benzo(g,h,i)perylene	0.45	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Benzo(k)fluoranthene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Chrysene	0.99	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Dibenz(a,h)anthracene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-19, V-20	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Fluoranthene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Fluorene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Indeno(1,2,3-cd)pyrene	0.52	0.38	mg/Kg dry	1	V-06	SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

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	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Naphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Phenanthrene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
Pyrene	1.6	0.38	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:09	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	49.5	30-130		10/8/11 11:09
Phenol-d6	51.8	30-130		10/8/11 11:09
Nitrobenzene-d5	43.8	30-130		10/8/11 11:09
2-Fluorobiphenyl	44.9	30-130		10/8/11 11:09
2,4,6-Tribromophenol	52.6	30-130		10/8/11 11:09
Terphenyl-d14	46.5	30-130		10/8/11 11:09

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
alpha-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
beta-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
delta-BHC [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
gamma-BHC (Lindane) [1]	ND	0.011	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Chlordane [1]	ND	0.11	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
4,4'-DDD [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
4,4'-DDE [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
4,4'-DDT [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Dieldrin [1]	ND	0.022	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Endosulfan I [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Endosulfan II [1]	ND	0.043	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Endosulfan sulfate [1]	ND	0.043	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Endrin [1]	ND	0.043	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Endrin ketone [1]	ND	0.043	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Heptachlor [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Heptachlor epoxide [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Hexachlorobenzene [1]	ND	0.027	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG
Methoxychlor [1]	ND	0.27	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 20:46	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.4	30-150		10/6/11 20:46
Decachlorobiphenyl [2]	141	30-150		10/6/11 20:46
Tetrachloro-m-xylene [1]	77.4	30-150		10/6/11 20:46
Tetrachloro-m-xylene [2]	71.3	30-150		10/6/11 20:46

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

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 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1254 [2]	0.76	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.2	30-150		10/4/11 1:09
Decachlorobiphenyl [2]	101	30-150		10/4/11 1:09
Tetrachloro-m-xylene [1]	84.2	30-150		10/4/11 1:09
Tetrachloro-m-xylene [2]	83.1	30-150		10/4/11 1:09

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

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	2700	370	mg/Kg dry	20		SW-846 8100 Modified	10/4/11	10/6/11 19:04	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	87.4	40-140					10/6/11 19:04

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Barium	180	2.8	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Cadmium	1.1	0.28	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Chromium	15	0.57	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Lead	490	0.85	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Mercury	0.44	0.055	mg/Kg dry	2		SW-846 7471B	10/6/11	10/7/11 12:30	AMR
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:42	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11I1151-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/4/11	10/4/11 15:10	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/4/11	10/4/11 13:50	VAK
pH @26.4°C	6.0		pH Units	1		SW-846 9045C	9/30/11	9/30/11 19:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/4/11	10/6/11 14:18	SBP
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	10/4/11	10/6/11 14:29	DEF
Specific conductance	4.3	2.0	µmhos/cm	1		SM18-20 2510B	10/5/11	10/5/11 14:00	LL
% Solids	89.7		% Wt	1		SM 2540G	10/5/11	10/6/11 9:20	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.077	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Bromoform	ND	0.0015	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Bromomethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
n-Butylbenzene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Carbon Disulfide	ND	0.0046	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Chloroethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0031	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2-Dibromoethane (EDB)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Diethyl Ether	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Diisopropyl Ether (DIPE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,4-Dioxane	ND	0.077	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:15	MFF

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Hexachlorobutadiene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Methylene Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Naphthalene	ND	0.0077	mg/Kg dry	1	L-04, V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Tetrahydrofuran	ND	0.0077	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2,3-Trichlorobenzene	ND	0.0077	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2,4-Trichlorobenzene	ND	0.0077	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		10/3/11 9:15
Toluene-d8	106	70-130		10/3/11 9:15
4-Bromofluorobenzene	94.9	70-130		10/3/11 9:15

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Anthracene	0.29	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Benzo(a)anthracene	1.0	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Benzo(a)pyrene	0.82	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Benzo(b)fluoranthene	1.1	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Benzo(g,h,i)perylene	0.44	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Benzo(k)fluoranthene	0.41	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Butylbenzylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Chrysene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Dimethylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	R-05, V-19, V-20	SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Di-n-octylphthalate	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Fluoranthene	1.6	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Indeno(1,2,3-cd)pyrene	0.53	0.20	mg/Kg dry	1	V-06	SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

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	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Phenanthrene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
Pyrene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 11:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	56.7	30-130		10/8/11 11:51
Phenol-d6	58.0	30-130		10/8/11 11:51
Nitrobenzene-d5	49.0	30-130		10/8/11 11:51
2-Fluorobiphenyl	51.2	30-130		10/8/11 11:51
2,4,6-Tribromophenol	60.8	30-130		10/8/11 11:51
Terphenyl-d14	44.2	30-130		10/8/11 11:51

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
alpha-BHC [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
beta-BHC [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
delta-BHC [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
gamma-BHC (Lindane) [1]	ND	0.011	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Chlordane [1]	ND	0.11	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
4,4'-DDD [1]	ND	0.023	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
4,4'-DDE [1]	ND	0.023	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
4,4'-DDT [1]	ND	0.023	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Dieldrin [1]	ND	0.023	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Endosulfan I [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Endosulfan II [1]	ND	0.045	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Endosulfan sulfate [1]	ND	0.045	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Endrin [1]	ND	0.045	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Endrin ketone [1]	ND	0.045	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Heptachlor [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Heptachlor epoxide [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Hexachlorobenzene [1]	ND	0.028	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG
Methoxychlor [1]	ND	0.28	mg/Kg dry	5		SW-846 8081B	10/3/11	10/6/11 21:03	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	68.4	30-150		10/6/11 21:03
Decachlorobiphenyl [2]	85.8	30-150		10/6/11 21:03
Tetrachloro-m-xylene [1]	75.2	30-150		10/6/11 21:03
Tetrachloro-m-xylene [2]	72.2	30-150		10/6/11 21:03

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

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 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1254 [2]	1.1	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/3/11	10/4/11 1:23	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	75.7	30-150		10/4/11 1:23
Decachlorobiphenyl [2]	80.6	30-150		10/4/11 1:23
Tetrachloro-m-xylene [1]	79.6	30-150		10/4/11 1:23
Tetrachloro-m-xylene [2]	82.3	30-150		10/4/11 1:23

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

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	760	190	mg/Kg dry	10		SW-846 8100 Modified	10/4/11	10/6/11 19:23	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	62.6	40-140		10/6/11 19:23

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.1	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Barium	540	2.9	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Cadmium	2.4	0.29	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Chromium	34	0.58	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Lead	710	0.87	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Mercury	0.91	0.087	mg/Kg dry	3		SW-846 7471B	10/6/11	10/7/11 12:32	AMR
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP
Silver	0.80	0.58	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:47	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11I1151-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/4/11	10/4/11 15:10	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/4/11	10/4/11 13:50	VAK
pH @26.3°C	6.3		pH Units	1		SW-846 9045C	9/30/11	9/30/11 19:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/4/11	10/6/11 14:18	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/4/11	10/6/11 14:29	DEF
Specific conductance	4.9	2.0	µmhos/cm	1		SM18-20 2510B	10/5/11	10/5/11 14:00	LL
% Solids	86.1		% Wt	1		SM 2540G	10/5/11	10/6/11 9:20	ESH

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Acetone	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Benzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Bromobenzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromochloromethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Bromodichloromethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Bromoform	ND	0.00085	mg/Kg dry	1	V-05	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromoform	ND	0.0012	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Bromomethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
2-Butanone (MEK)	ND	0.017	mg/Kg dry	1	V-16	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
sec-Butylbenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
tert-Butylbenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Carbon Disulfide	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Carbon Disulfide	ND	0.0036	mg/Kg dry	1	V-05	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Carbon Tetrachloride	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Chlorobenzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Chlorodibromomethane	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Chloroethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Chloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Chloroform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Chloromethane	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
2-Chlorotoluene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
4-Chlorotoluene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dibromoethane (EDB)	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Dibromomethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dichlorobenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,3-Dichlorobenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,4-Dichlorobenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1-Dichloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dichloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
cis-1,2-Dichloroethylene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
trans-1,2-Dichloroethylene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2-Dichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,3-Dichloropropane	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
2,2-Dichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
cis-1,3-Dichloropropene	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
cis-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
trans-1,3-Dichloropropene	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Diethyl Ether	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Diethyl Ether	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Diisopropyl Ether (DIPE)	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,4-Dioxane	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260C	10/3/11	10/3/11 9:41	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
2-Hexanone (MBK)	ND	0.0085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Isopropylbenzene (Cumene)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Methylene Chloride	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Methylene Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.0085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	L-04, V-05, V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1	L-04, V-05, V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
n-Propylbenzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Styrene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.00042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Tetrachloroethylene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Tetrahydrofuran	ND	0.0042	mg/Kg dry	1	V-16	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Toluene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,3-Trichlorobenzene	ND	0.0042	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,4-Trichlorobenzene	ND	0.0042	mg/Kg dry	1	V-05, V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1,1-Trichloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,1,2-Trichloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Trichloroethylene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,3-Trichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1	V-17	SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,2,4-Trimethylbenzene	ND	0.00085	mg/Kg dry	1	V-17	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
1,3,5-Trimethylbenzene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Vinyl Chloride	ND	0.0042	mg/Kg dry	1	L-04	SW-846 8260C	10/4/11	10/4/11 10:55	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF
m+p Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
o-Xylene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	10/4/11	10/4/11 10:55	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/3/11	10/3/11 9:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		10/3/11 9:41
1,2-Dichloroethane-d4	112	70-130		10/4/11 10:55
Toluene-d8	97.6	70-130		10/4/11 10:55
Toluene-d8	103	70-130		10/3/11 9:41
4-Bromofluorobenzene	88.8	70-130		10/3/11 9:41
4-Bromofluorobenzene	82.6	70-130		10/4/11 10:55

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Acetophenone	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Aniline	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Anthracene	1.1	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Benzo(a)anthracene	2.3	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Benzo(a)pyrene	1.8	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Benzo(b)fluoranthene	2.2	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Benzo(g,h,i)perylene	0.99	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Benzo(k)fluoranthene	0.85	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Bis(2-chloroethoxy)methane	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Bis(2-chloroethyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Bis(2-chloroisopropyl)ether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
4-Bromophenylphenylether	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2-Chloronaphthalene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2-Chlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Chrysene	2.5	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Dibenzofuran	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Di-n-butylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
1,2-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
1,3-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
1,4-Dichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4-Dichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Diethylphthalate	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4-Dimethylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	R-05, V-19, V-20	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,6-Dinitrotoluene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1	RL-08	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Fluoranthene	5.1	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Fluorene	0.60	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Hexachlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Hexachlorobutadiene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Hexachloroethane	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Indeno(1,2,3-cd)pyrene	1.2	0.39	mg/Kg dry	1	V-06	SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Isophorone	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL

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

Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

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	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
3/4-Methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Nitrobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Pentachlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Phenanthrene	5.3	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Phenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
Pyrene	4.5	0.39	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
1,2,4-Trichlorobenzene	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4,5-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL
2,4,6-Trichlorophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	10/4/11	10/8/11 12:23	BGL

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	89.1	30-130		10/8/11 12:23
Phenol-d6	92.6	30-130		10/8/11 12:23
Nitrobenzene-d5	76.8	30-130		10/8/11 12:23
2-Fluorobiphenyl	83.8	30-130		10/8/11 12:23
2,4,6-Tribromophenol	105	30-130		10/8/11 12:23
Terphenyl-d14	86.8	30-130		10/8/11 12:23

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
alpha-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
beta-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
delta-BHC [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
gamma-BHC (Lindane) [1]	ND	0.023	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Chlordane [1]	ND	0.23	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
4,4'-DDD [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
4,4'-DDE [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
4,4'-DDT [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Dieldrin [1]	ND	0.046	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Endosulfan I [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Endosulfan II [1]	ND	0.093	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Endosulfan sulfate [1]	ND	0.093	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Endrin [1]	ND	0.093	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Endrin ketone [1]	ND	0.093	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Heptachlor [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Heptachlor epoxide [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Hexachlorobenzene [1]	ND	0.058	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG
Methoxychlor [1]	ND	0.58	mg/Kg dry	10		SW-846 8081B	10/3/11	10/6/11 21:19	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.6	30-150		10/6/11 21:19
Decachlorobiphenyl [2]	91.3	30-150		10/6/11 21:19
Tetrachloro-m-xylene [1]	86.9	30-150		10/6/11 21:19
Tetrachloro-m-xylene [2]	83.4	30-150		10/6/11 21:19

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

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	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1221 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1232 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1242 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1248 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1254 [1]	1.6	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1260 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1262 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG
Aroclor-1268 [1]	ND	0.23	mg/Kg dry	2		SW-846 8082A	10/3/11	10/4/11 10:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.1	30-150		10/4/11 10:40
Decachlorobiphenyl [2]	96.8	30-150		10/4/11 10:40
Tetrachloro-m-xylene [1]	87.5	30-150		10/4/11 10:40
Tetrachloro-m-xylene [2]	98.6	30-150		10/4/11 10:40

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

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	400	96	mg/Kg dry	5		SW-846 8100 Modified	10/4/11	10/6/11 19:41	CJM

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	50.8	40-140					10/6/11 19:41

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.4	3.0	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Barium	310	3.0	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Cadmium	1.9	0.30	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Chromium	21	0.60	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Lead	580	0.90	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Mercury	0.80	0.089	mg/Kg dry	3		SW-846 7471B	10/6/11	10/7/11 12:33	AMR
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP
Silver	ND	0.60	mg/Kg dry	1		SW-846 6010C	10/3/11	10/4/11 18:52	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11I1151

Date Received: 9/30/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11I1151-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/4/11	10/4/11 15:10	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/4/11	10/4/11 13:50	VAK
pH @24.6°C	6.6		pH Units	1		SW-846 9045C	9/30/11	9/30/11 19:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/4/11	10/6/11 14:18	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/4/11	10/6/11 14:29	DEF
Specific conductance	5.2	2.0	µmhos/cm	1		SM18-20 2510B	10/5/11	10/5/11 14:00	LL
% Solids	85.5		% Wt	1		SM 2540G	10/5/11	10/6/11 9:20	ESH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I1151-01 [STKP D3-1]	B038634	10/05/11
11I1151-02 [STKP D3-2]	B038634	10/05/11
11I1151-03 [STKP D3-3]	B038634	10/05/11
11I1151-04 [STKP D3-4]	B038634	10/05/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1151-01 [STKP D3-1]	B038605	1.00	10/05/11
11I1151-02 [STKP D3-2]	B038605	1.00	10/05/11
11I1151-03 [STKP D3-3]	B038605	1.00	10/05/11
11I1151-04 [STKP D3-4]	B038605	1.00	10/05/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038550	50.0	50.0	10/04/11
11I1151-02 [STKP D3-2]	B038550	50.0	50.0	10/04/11
11I1151-03 [STKP D3-3]	B038550	50.0	50.0	10/04/11
11I1151-04 [STKP D3-4]	B038550	50.0	50.0	10/04/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038551	50.0	50.0	10/04/11
11I1151-02 [STKP D3-2]	B038551	50.0	50.0	10/04/11
11I1151-03 [STKP D3-3]	B038551	50.0	50.0	10/04/11
11I1151-04 [STKP D3-4]	B038551	50.0	50.0	10/04/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038392	1.02	50.0	10/03/11
11I1151-02 [STKP D3-2]	B038392	0.986	50.0	10/03/11
11I1151-03 [STKP D3-3]	B038392	1.00	50.0	10/03/11
11I1151-04 [STKP D3-4]	B038392	0.976	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038644	0.615	50.0	10/06/11
11I1151-02 [STKP D3-2]	B038644	0.608	50.0	10/06/11
11I1151-03 [STKP D3-3]	B038644	0.600	50.0	10/06/11
11I1151-04 [STKP D3-4]	B038644	0.594	50.0	10/06/11

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038360	10.3	10.0	10/03/11
11I1151-02 [STKP D3-2]	B038360	10.3	10.0	10/03/11
11I1151-03 [STKP D3-3]	B038360	10.3	10.0	10/03/11
11I1151-04 [STKP D3-4]	B038360	10.1	10.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038361	10.3	50.0	10/03/11
11I1151-02 [STKP D3-2]	B038361	10.3	50.0	10/03/11
11I1151-03 [STKP D3-3]	B038361	10.3	50.0	10/03/11
11I1151-04 [STKP D3-4]	B038361	10.1	50.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038498	30.3	2.00	10/04/11
11I1151-02 [STKP D3-2]	B038498	30.5	2.00	10/04/11
11I1151-03 [STKP D3-3]	B038498	30.1	2.00	10/04/11
11I1151-04 [STKP D3-4]	B038498	30.3	2.00	10/04/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038363	10.9	10.0	10/03/11
11I1151-02 [STKP D3-2]	B038363	8.47	10.0	10/03/11
11I1151-03 [STKP D3-3]	B038363	7.54	10.0	10/03/11
11I1151-04 [STKP D3-4]	B038363	9.65	10.0	10/03/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-04RE1 [STKP D3-4]	B038457	13.8	10.0	10/04/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038502	30.4	2.00	10/04/11
11I1151-02 [STKP D3-2]	B038502	30.3	2.00	10/04/11
11I1151-03 [STKP D3-3]	B038502	30.0	1.00	10/04/11
11I1151-04 [STKP D3-4]	B038502	30.4	2.00	10/04/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038552	25.5	250	10/04/11
11I1151-02 [STKP D3-2]	B038552	25.7	250	10/04/11

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

Sample Extraction Data

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-03 [STKP D3-3]	B038552	25.5	250	10/04/11
11I1151-04 [STKP D3-4]	B038552	25.4	250	10/04/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I1151-01 [STKP D3-1]	B038553	25.5	250	10/04/11
11I1151-02 [STKP D3-2]	B038553	25.7	250	10/04/11
11I1151-03 [STKP D3-3]	B038553	25.5	250	10/04/11
11I1151-04 [STKP D3-4]	B038553	25.4	250	10/04/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11I1151-01 [STKP D3-1]	B038444	20.0	09/30/11
11I1151-02 [STKP D3-2]	B038444	20.0	09/30/11
11I1151-03 [STKP D3-3]	B038444	20.0	09/30/11
11I1151-04 [STKP D3-4]	B038444	20.0	09/30/11

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

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 B038363 - SW-846 5035										
Blank (B038363-BLK1)				Prepared & Analyzed: 10/03/11						
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							V-05
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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							V-05
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0040	mg/Kg wet							V-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							L-04, V-05

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 B038363 - SW-846 5035											
Blank (B038363-BLK1)				Prepared & Analyzed: 10/03/11							
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							R-05, 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	*0.0538*		mg/Kg wet	0.0500		108	70-130				
Surrogate: Toluene-d8	*0.0526*		mg/Kg wet	0.0500		105	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0515*		mg/Kg wet	0.0500		103	70-130				
LCS (B038363-BS1)				Prepared & Analyzed: 10/03/11							
Acetone	0.261	0.10	mg/Kg wet	0.200		130	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0193	0.0010	mg/Kg wet	0.0200		96.4	70-130				
Benzene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130				
Bromobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130				
Bromochloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130				
Bromodichloromethane	0.0177	0.0020	mg/Kg wet	0.0200		88.5	70-130				
Bromoform	0.0149	0.0020	mg/Kg wet	0.0200		74.7	70-130			V-05	
Bromomethane	0.0133	0.010	mg/Kg wet	0.0200		66.6	40-160			L-14	†
2-Butanone (MEK)	0.206	0.040	mg/Kg wet	0.200		103	40-160			V-16	†
n-Butylbenzene	0.0189	0.0040	mg/Kg wet	0.0200		94.7	70-130				
sec-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0164	0.0010	mg/Kg wet	0.0200		81.8	70-130				
Carbon Disulfide	0.0151	0.0060	mg/Kg wet	0.0200		75.6	70-130			V-05	
Carbon Tetrachloride	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
Chlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130				
Chlorodibromomethane	0.0170	0.0010	mg/Kg wet	0.0200		85.1	70-130				
Chloroethane	0.0186	0.010	mg/Kg wet	0.0200		93.1	70-130				
Chloroform	0.0200	0.0040	mg/Kg wet	0.0200		99.8	70-130				
Chloromethane	0.0143	0.010	mg/Kg wet	0.0200		71.7	40-160				†
2-Chlorotoluene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
4-Chlorotoluene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0158	0.0040	mg/Kg wet	0.0200		79.2	70-130			V-05	
1,2-Dibromoethane (EDB)	0.0182	0.0010	mg/Kg wet	0.0200		90.8	70-130				
Dibromomethane	0.0169	0.0020	mg/Kg wet	0.0200		84.5	70-130				
1,2-Dichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130				
1,3-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130				
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.3	70-130				

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 B038363 - SW-846 5035												
LCS (B038363-BS1)				Prepared & Analyzed: 10/03/11								
Dichlorodifluoromethane (Freon 12)	0.0157	0.010	mg/Kg wet	0.0200		78.4		40-160				†
1,1-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.7		70-130				
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130				
1,1-Dichloroethylene	0.0193	0.0040	mg/Kg wet	0.0200		96.5		70-130				
cis-1,2-Dichloroethylene	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130				
trans-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130				
1,2-Dichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.5		70-130				
1,3-Dichloropropane	0.0203	0.0010	mg/Kg wet	0.0200		102		70-130				
2,2-Dichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		97.8		70-130				
1,1-Dichloropropene	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.5		70-130				
trans-1,3-Dichloropropene	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130				
Diethyl Ether	0.0238	0.010	mg/Kg wet	0.0200		119		70-130			V-20	
Diisopropyl Ether (DIPE)	0.0173	0.0010	mg/Kg wet	0.0200		86.3		70-130				
1,4-Dioxane	0.158	0.10	mg/Kg wet	0.200		78.9		40-160			V-16	†
Ethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9		70-130				
Hexachlorobutadiene	0.0201	0.0040	mg/Kg wet	0.0200		100		70-130				
2-Hexanone (MBK)	0.175	0.020	mg/Kg wet	0.200		87.3		40-160				†
Isopropylbenzene (Cumene)	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130				
p-Isopropyltoluene (p-Cymene)	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0198	0.0040	mg/Kg wet	0.0200		99.0		70-130				
Methylene Chloride	0.0180	0.010	mg/Kg wet	0.0200		89.8		70-130				
4-Methyl-2-pentanone (MIBK)	0.162	0.020	mg/Kg wet	0.200		81.2		40-160				†
Naphthalene	0.0133	0.010	mg/Kg wet	0.0200		**66.4**	*	70-130			L-04, V-05	
n-Propylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130				
Styrene	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130				
1,1,1,2-Tetrachloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130				
1,1,2,2-Tetrachloroethane	0.0166	0.0010	mg/Kg wet	0.0200		83.2		70-130				
Tetrachloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130				
Tetrahydrofuran	0.0212	0.010	mg/Kg wet	0.0200		106		70-130			R-05, V-16	
Toluene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130				
1,2,3-Trichlorobenzene	0.0144	0.010	mg/Kg wet	0.0200		71.8		70-130			V-05	
1,2,4-Trichlorobenzene	0.0141	0.010	mg/Kg wet	0.0200		70.6		70-130			V-05	
1,1,1-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,2-Trichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.1		70-130				
Trichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130				
Trichlorofluoromethane (Freon 11)	0.0181	0.010	mg/Kg wet	0.0200		90.3		70-130				
1,2,3-Trichloropropane	0.0157	0.0020	mg/Kg wet	0.0200		78.5		70-130				
1,2,4-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trimethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
Vinyl Chloride	0.0129	0.010	mg/Kg wet	0.0200		**64.5**	*	70-130			L-07	
m+p Xylene	0.0396	0.0040	mg/Kg wet	0.0400		99.0		70-130				
o-Xylene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0549*		mg/Kg wet	0.0500		110		70-130				
Surrogate: Toluene-d8	*0.0527*		mg/Kg wet	0.0500		105		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0536*		mg/Kg wet	0.0500		107		70-130				

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 B038363 - SW-846 5035												
LCS Dup (B038363-BSD1)				Prepared & Analyzed: 10/03/11								
Acetone	0.239	0.10	mg/Kg wet	0.200		119		40-160	8.96	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0186	0.0010	mg/Kg wet	0.0200		93.0		70-130	3.59	20		
Benzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130	4.93	20		
Bromobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4		70-130	0.209	20		
Bromochloromethane	0.0194	0.0020	mg/Kg wet	0.0200		96.8		70-130	6.73	20		
Bromodichloromethane	0.0171	0.0020	mg/Kg wet	0.0200		85.5		70-130	3.45	20		
Bromoform	0.0147	0.0020	mg/Kg wet	0.0200		73.7		70-130	1.35	20	V-05	
Bromomethane	0.0137	0.010	mg/Kg wet	0.0200		68.7		40-160	3.10	20	L-14	†
2-Butanone (MEK)	0.183	0.040	mg/Kg wet	0.200		91.5		40-160	12.0	20	V-16	†
n-Butylbenzene	0.0190	0.0040	mg/Kg wet	0.0200		94.8		70-130	0.106	20		
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130	1.46	20		
tert-Butylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130	3.62	20		
tert-Butyl Ethyl Ether (TBEE)	0.0162	0.0010	mg/Kg wet	0.0200		80.9		70-130	1.11	20		
Carbon Disulfide	0.0161	0.0060	mg/Kg wet	0.0200		80.6		70-130	6.40	20	V-05	
Carbon Tetrachloride	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	7.10	20		
Chlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9		70-130	3.05	20		
Chlorodibromomethane	0.0167	0.0010	mg/Kg wet	0.0200		83.5		70-130	1.90	20		
Chloroethane	0.0205	0.010	mg/Kg wet	0.0200		102		70-130	9.61	20		
Chloroform	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130	1.20	20		
Chloromethane	0.0152	0.010	mg/Kg wet	0.0200		76.0		40-160	5.82	20		†
2-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	2.58	20		
4-Chlorotoluene	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130	1.95	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0146	0.0040	mg/Kg wet	0.0200		72.9		70-130	8.28	20	V-05	
1,2-Dibromoethane (EDB)	0.0168	0.0010	mg/Kg wet	0.0200		84.1		70-130	7.66	20		
Dibromomethane	0.0176	0.0020	mg/Kg wet	0.0200		87.9		70-130	3.94	20		
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	2.73	20		
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8		70-130	1.59	20		
1,4-Dichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5		70-130	3.44	20		
Dichlorodifluoromethane (Freon 12)	0.0170	0.010	mg/Kg wet	0.0200		85.0		40-160	8.08	20		†
1,1-Dichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130	4.99	20		
1,2-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	2.39	20		
1,1-Dichloroethylene	0.0207	0.0040	mg/Kg wet	0.0200		103		70-130	6.81	20		
cis-1,2-Dichloroethylene	0.0186	0.0020	mg/Kg wet	0.0200		93.2		70-130	4.27	20		
trans-1,2-Dichloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	5.66	20		
1,2-Dichloropropane	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130	3.19	20		
1,3-Dichloropropane	0.0196	0.0010	mg/Kg wet	0.0200		97.9		70-130	3.71	20		
2,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	2.52	20		
1,1-Dichloropropene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	5.96	20		
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.3		70-130	0.219	20		
trans-1,3-Dichloropropene	0.0200	0.0010	mg/Kg wet	0.0200		100		70-130	0.499	20		
Diethyl Ether	0.0240	0.010	mg/Kg wet	0.0200		120		70-130	0.921	20	V-20	
Diisopropyl Ether (DIPE)	0.0173	0.0010	mg/Kg wet	0.0200		86.5		70-130	0.231	20		
1,4-Dioxane	0.161	0.10	mg/Kg wet	0.200		80.7		40-160	2.28	20	V-16	†
Ethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	4.50	20		
Hexachlorobutadiene	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130	0.298	20		
2-Hexanone (MBK)	0.166	0.020	mg/Kg wet	0.200		82.9		40-160	5.14	20		†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130	2.53	20		
p-Isopropyltoluene (p-Cymene)	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	4.10	20		
Methyl tert-Butyl Ether (MTBE)	0.0198	0.0040	mg/Kg wet	0.0200		99.1		70-130	0.101	20		
Methylene Chloride	0.0189	0.010	mg/Kg wet	0.0200		94.3		70-130	4.89	20		
4-Methyl-2-pentanone (MIBK)	0.159	0.020	mg/Kg wet	0.200		79.7		40-160	1.93	20		†
Naphthalene	0.0124	0.010	mg/Kg wet	0.0200		**61.9**	*	70-130	7.01	20	L-04, V-05	

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

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 B038363 - SW-846 5035												
LCS Dup (B038363-BSD1)				Prepared & Analyzed: 10/03/11								
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	1.31		20	
Styrene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	0.582		20	
1,1,1,2-Tetrachloroethane	0.0190	0.0020	mg/Kg wet	0.0200		94.8		70-130	2.46		20	
1,1,2,2-Tetrachloroethane	0.0165	0.0010	mg/Kg wet	0.0200		82.4		70-130	0.966		20	
Tetrachloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	0.478		20	
Tetrahydrofuran	0.0172	0.010	mg/Kg wet	0.0200		85.8		70-130	**20.9**	*	20	R-05, V-16
Toluene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	3.96		20	
1,2,3-Trichlorobenzene	0.0142	0.010	mg/Kg wet	0.0200		71.0		70-130	1.12		20	V-05
1,2,4-Trichlorobenzene	0.0139	0.010	mg/Kg wet	0.0200		**69.7**	*	70-130	1.28		20	L-07, V-05
1,1,1-Trichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	5.79		20	
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.4		70-130	2.61		20	
Trichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130	4.23		20	
Trichlorofluoromethane (Freon 11)	0.0189	0.010	mg/Kg wet	0.0200		94.3		70-130	4.33		20	
1,2,3-Trichloropropane	0.0153	0.0020	mg/Kg wet	0.0200		76.7		70-130	2.32		20	
1,2,4-Trimethylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	1.14		20	
1,3,5-Trimethylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	2.86		20	
Vinyl Chloride	0.0141	0.010	mg/Kg wet	0.0200		70.7		70-130	9.17		20	
m+p Xylene	0.0403	0.0040	mg/Kg wet	0.0400		101		70-130	1.75		20	
o-Xylene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.85		20	
Surrogate: 1,2-Dichloroethane-d4	*0.0538*		mg/Kg wet	0.0500		108		70-130				
Surrogate: Toluene-d8	*0.0533*		mg/Kg wet	0.0500		107		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0533*		mg/Kg wet	0.0500		107		70-130				
Batch B038457 - SW-846 5035												
Blank (B038457-BLK1)				Prepared & Analyzed: 10/04/11								
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									V-05
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	0.0010	mg/Kg wet									
Carbon Disulfide	ND	0.0060	mg/Kg wet									
Carbon Tetrachloride	ND	0.0020	mg/Kg wet									
Chlorobenzene	ND	0.0020	mg/Kg wet									
Chlorodibromomethane	ND	0.0010	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	0.0040	mg/Kg wet									V-05
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									

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 B038457 - SW-846 5035										
Blank (B038457-BLK1)			Prepared & Analyzed: 10/04/11							
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0040	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	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							L-04, V-05
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							L-04
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0512*		mg/Kg wet	0.0500		102	70-130			
Surrogate: Toluene-d8	*0.0514*		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0492*		mg/Kg wet	0.0500		98.3	70-130			

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 B038457 - SW-846 5035												
LCS (B038457-BS1)				Prepared & Analyzed: 10/04/11								
Acetone	0.286	0.10	mg/Kg wet	0.200		143		40-160			V-16, L-14	†
tert-Amyl Methyl Ether (TAME)	0.0203	0.0010	mg/Kg wet	0.0200		102		70-130				
Benzene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130				
Bromobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.3		70-130				
Bromoform	0.0159	0.0020	mg/Kg wet	0.0200		79.6		70-130			V-05	
Bromomethane	0.0136	0.010	mg/Kg wet	0.0200		68.0		40-160			L-14	†
2-Butanone (MEK)	0.199	0.040	mg/Kg wet	0.200		99.3		40-160			V-16	†
n-Butylbenzene	0.0205	0.0040	mg/Kg wet	0.0200		103		70-130				
sec-Butylbenzene	0.0245	0.0020	mg/Kg wet	0.0200		123		70-130				
tert-Butylbenzene	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0177	0.0010	mg/Kg wet	0.0200		88.3		70-130				
Carbon Disulfide	0.0172	0.0060	mg/Kg wet	0.0200		86.0		70-130				
Carbon Tetrachloride	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130				
Chlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
Chlorodibromomethane	0.0184	0.0010	mg/Kg wet	0.0200		91.9		70-130				
Chloroethane	0.0205	0.010	mg/Kg wet	0.0200		103		70-130				
Chloroform	0.0216	0.0040	mg/Kg wet	0.0200		108		70-130				
Chloromethane	0.0141	0.010	mg/Kg wet	0.0200		70.6		40-160				†
2-Chlorotoluene	0.0233	0.0020	mg/Kg wet	0.0200		116		70-130				
4-Chlorotoluene	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0141	0.0040	mg/Kg wet	0.0200		70.6		70-130			V-05	
1,2-Dibromoethane (EDB)	0.0194	0.0010	mg/Kg wet	0.0200		97.1		70-130				
Dibromomethane	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130				
1,2-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130				
1,3-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Dichlorodifluoromethane (Freon 12)	0.0149	0.010	mg/Kg wet	0.0200		74.3		40-160				†
1,1-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,2-Dichloroethane	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1-Dichloroethylene	0.0220	0.0040	mg/Kg wet	0.0200		110		70-130				
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130				
trans-1,2-Dichloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
1,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.5		70-130				
1,3-Dichloropropane	0.0216	0.0010	mg/Kg wet	0.0200		108		70-130				
2,2-Dichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130				
1,1-Dichloropropene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		98.2		70-130				
trans-1,3-Dichloropropene	0.0217	0.0010	mg/Kg wet	0.0200		108		70-130				
Diethyl Ether	0.0258	0.010	mg/Kg wet	0.0200		129		70-130			V-20	
Diisopropyl Ether (DIPE)	0.0182	0.0010	mg/Kg wet	0.0200		91.2		70-130				
1,4-Dioxane	0.168	0.10	mg/Kg wet	0.200		84.2		40-160			V-16	†
Ethylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
Hexachlorobutadiene	0.0220	0.0040	mg/Kg wet	0.0200		110		70-130				
2-Hexanone (MBK)	0.182	0.020	mg/Kg wet	0.200		91.0		40-160				†
Isopropylbenzene (Cumene)	0.0283	0.0020	mg/Kg wet	0.0200		**142**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0266	0.0020	mg/Kg wet	0.0200		**133**	*	70-130			L-02	
Methyl tert-Butyl Ether (MTBE)	0.0212	0.0040	mg/Kg wet	0.0200		106		70-130				
Methylene Chloride	0.0197	0.010	mg/Kg wet	0.0200		98.6		70-130				
4-Methyl-2-pentanone (MIBK)	0.172	0.020	mg/Kg wet	0.200		85.9		40-160				†
Naphthalene	0.0123	0.010	mg/Kg wet	0.0200		**61.7**	*	70-130			L-04, V-05	

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 B038457 - SW-846 5035												
LCS (B038457-BS1)				Prepared & Analyzed: 10/04/11								
n-Propylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130				
Styrene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1,1,2-Tetrachloroethane	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130				
1,1,2,2-Tetrachloroethane	0.0184	0.0010	mg/Kg wet	0.0200		92.2		70-130				
Tetrachloroethylene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
Tetrahydrofuran	0.0165	0.010	mg/Kg wet	0.0200		82.5		70-130			V-16	
Toluene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
1,2,3-Trichlorobenzene	0.0143	0.010	mg/Kg wet	0.0200		71.4		70-130			V-05	
1,2,4-Trichlorobenzene	0.0141	0.010	mg/Kg wet	0.0200		70.5		70-130			V-05	
1,1,1-Trichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130				
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130				
Trichloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
Trichlorofluoromethane (Freon 11)	0.0198	0.010	mg/Kg wet	0.0200		99.0		70-130				
1,2,3-Trichloropropane	0.0161	0.0020	mg/Kg wet	0.0200		80.3		70-130				
1,2,4-Trimethylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
1,3,5-Trimethylbenzene	0.0251	0.0020	mg/Kg wet	0.0200		125		70-130				
Vinyl Chloride	0.0135	0.010	mg/Kg wet	0.0200		**67.4**	*	70-130			L-04	
m+p Xylene	0.0456	0.0040	mg/Kg wet	0.0400		114		70-130				
o-Xylene	0.0233	0.0020	mg/Kg wet	0.0200		117		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0533*		mg/Kg wet	0.0500		107		70-130				
Surrogate: Toluene-d8	*0.0524*		mg/Kg wet	0.0500		105		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0550*		mg/Kg wet	0.0500		110		70-130				
LCS Dup (B038457-BSD1)				Prepared & Analyzed: 10/04/11								
Acetone	0.270	0.10	mg/Kg wet	0.200		135		40-160	5.80	20	L-14, V-16	†
tert-Amyl Methyl Ether (TAME)	0.0193	0.0010	mg/Kg wet	0.0200		96.6		70-130	5.05	20		
Benzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	2.73	20		
Bromobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	1.74	20		
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	0.196	20		
Bromodichloromethane	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130	0.308	20		
Bromoform	0.0166	0.0020	mg/Kg wet	0.0200		83.0		70-130	4.18	20	V-05	
Bromomethane	0.0143	0.010	mg/Kg wet	0.0200		71.4		40-160	4.88	20		†
2-Butanone (MEK)	0.200	0.040	mg/Kg wet	0.200		100		40-160	0.792	20	V-16	†
n-Butylbenzene	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130	3.63	20		
sec-Butylbenzene	0.0257	0.0020	mg/Kg wet	0.0200		128		70-130	4.54	20		
tert-Butylbenzene	0.0261	0.0020	mg/Kg wet	0.0200		**131**	*	70-130	5.83	20	L-07	
tert-Butyl Ethyl Ether (TBEE)	0.0170	0.0010	mg/Kg wet	0.0200		85.2		70-130	3.57	20		
Carbon Disulfide	0.0168	0.0060	mg/Kg wet	0.0200		84.1		70-130	2.23	20		
Carbon Tetrachloride	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130	0.680	20		
Chlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	2.24	20		
Chlorodibromomethane	0.0184	0.0010	mg/Kg wet	0.0200		92.2		70-130	0.326	20		
Chloroethane	0.0216	0.010	mg/Kg wet	0.0200		108		70-130	5.04	20		
Chloroform	0.0217	0.0040	mg/Kg wet	0.0200		108		70-130	0.185	20		
Chloromethane	0.0145	0.010	mg/Kg wet	0.0200		72.7		40-160	2.93	20		†
2-Chlorotoluene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	2.21	20		
4-Chlorotoluene	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130	0.500	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0145	0.0040	mg/Kg wet	0.0200		72.3		70-130	2.38	20	V-05	
1,2-Dibromoethane (EDB)	0.0189	0.0010	mg/Kg wet	0.0200		94.6		70-130	2.61	20		
Dibromomethane	0.0188	0.0020	mg/Kg wet	0.0200		94.1		70-130	1.93	20		
1,2-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	0.740	20		
1,3-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	3.87	20		
1,4-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	3.43	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 B038457 - SW-846 5035												
LCS Dup (B038457-BSD1)				Prepared & Analyzed: 10/04/11								
Dichlorodifluoromethane (Freon 12)	0.0146	0.010	mg/Kg wet	0.0200		73.1		40-160	1.63	20		†
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105		70-130	0.383	20		
1,2-Dichloroethane	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	2.43	20		
1,1-Dichloroethylene	0.0223	0.0040	mg/Kg wet	0.0200		112		70-130	1.62	20		
cis-1,2-Dichloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130	1.97	20		
trans-1,2-Dichloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130	1.66	20		
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130	8.32	20		
1,3-Dichloropropane	0.0215	0.0010	mg/Kg wet	0.0200		107		70-130	0.835	20		
2,2-Dichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	1.73	20		
1,1-Dichloropropene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	0.0894	20		
cis-1,3-Dichloropropene	0.0194	0.0010	mg/Kg wet	0.0200		97.2		70-130	1.02	20		
trans-1,3-Dichloropropene	0.0223	0.0010	mg/Kg wet	0.0200		112		70-130	2.82	20		
Diethyl Ether	0.0255	0.010	mg/Kg wet	0.0200		127		70-130	1.40	20	V-20	
Diisopropyl Ether (DIPE)	0.0181	0.0010	mg/Kg wet	0.0200		90.7		70-130	0.550	20		
1,4-Dioxane	0.173	0.10	mg/Kg wet	0.200		86.5		40-160	2.72	20	V-16	†
Ethylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130	4.97	20		
Hexachlorobutadiene	0.0227	0.0040	mg/Kg wet	0.0200		113		70-130	2.86	20		
2-Hexanone (MBK)	0.182	0.020	mg/Kg wet	0.200		90.8		40-160	0.253	20		†
Isopropylbenzene (Cumene)	0.0283	0.0020	mg/Kg wet	0.0200		**141**	*	70-130	0.212	20	L-02	
p-Isopropyltoluene (p-Cymene)	0.0276	0.0020	mg/Kg wet	0.0200		**138**	*	70-130	3.84	20	L-02	
Methyl tert-Butyl Ether (MTBE)	0.0208	0.0040	mg/Kg wet	0.0200		104		70-130	2.19	20		
Methylene Chloride	0.0193	0.010	mg/Kg wet	0.0200		96.3		70-130	2.36	20		
4-Methyl-2-pentanone (MIBK)	0.166	0.020	mg/Kg wet	0.200		83.0		40-160	3.37	20		†
Naphthalene	0.0133	0.010	mg/Kg wet	0.0200		**66.7**	*	70-130	7.79	20	L-04, V-05	
n-Propylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	1.65	20		
Styrene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	2.28	20		
1,1,1,2-Tetrachloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.39	20		
1,1,2,2-Tetrachloroethane	0.0175	0.0010	mg/Kg wet	0.0200		87.4		70-130	5.35	20		
Tetrachloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	2.85	20		
Tetrahydrofuran	0.0194	0.010	mg/Kg wet	0.0200		97.0		70-130	16.2	20	V-16	
Toluene	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130	0.891	20		
1,2,3-Trichlorobenzene	0.0150	0.010	mg/Kg wet	0.0200		75.0		70-130	4.92	20	V-05	
1,2,4-Trichlorobenzene	0.0149	0.010	mg/Kg wet	0.0200		74.7		70-130	5.79	20	V-05	
1,1,1-Trichloroethane	0.0243	0.0020	mg/Kg wet	0.0200		121		70-130	3.18	20		
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4		70-130	1.95	20		
Trichloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130	1.48	20		
Trichlorofluoromethane (Freon 11)	0.0200	0.010	mg/Kg wet	0.0200		100		70-130	1.10	20		
1,2,3-Trichloropropane	0.0162	0.0020	mg/Kg wet	0.0200		81.2		70-130	1.11	20		
1,2,4-Trimethylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		121		70-130	3.80	20		
1,3,5-Trimethylbenzene	0.0254	0.0020	mg/Kg wet	0.0200		127		70-130	1.27	20		
Vinyl Chloride	0.0138	0.010	mg/Kg wet	0.0200		**69.2**	*	70-130	2.64	20	L-04	
m+p Xylene	0.0458	0.0040	mg/Kg wet	0.0400		114		70-130	0.482	20		
o-Xylene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	3.04	20		
Surrogate: 1,2-Dichloroethane-d4	*0.0516*		mg/Kg wet	0.0500		103		70-130				
Surrogate: Toluene-d8	*0.0519*		mg/Kg wet	0.0500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0528*		mg/Kg wet	0.0500		106		70-130				

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 B038502 - SW-846 3546										
Blank (B038502-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11						
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							R-05
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							V-06
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 B038502 - SW-846 3546											
Blank (B038502-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11							
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	*5.79*		mg/Kg wet	6.67		86.8	30-130				
Surrogate: Phenol-d6	*5.91*		mg/Kg wet	6.67		88.6	30-130				
Surrogate: Nitrobenzene-d5	*2.54*		mg/Kg wet	3.33		76.1	30-130				
Surrogate: 2-Fluorobiphenyl	*2.48*		mg/Kg wet	3.33		74.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.63*		mg/Kg wet	6.67		99.4	30-130				
Surrogate: Terphenyl-d14	*2.60*		mg/Kg wet	3.33		78.1	30-130				
LCS (B038502-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11							
Acenaphthene	1.50	0.17	mg/Kg wet	1.67		90.2	40-140				
Acenaphthylene	1.44	0.17	mg/Kg wet	1.67		86.5	40-140				
Acetophenone	1.49	0.34	mg/Kg wet	1.67		89.4	40-140				
Aniline	0.980	0.34	mg/Kg wet	1.67		58.8	40-140				
Anthracene	1.60	0.17	mg/Kg wet	1.67		96.3	40-140				
Benzo(a)anthracene	1.54	0.17	mg/Kg wet	1.67		92.1	40-140				
Benzo(a)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140				
Benzo(b)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.0	40-140				
Benzo(g,h,i)perylene	1.53	0.17	mg/Kg wet	1.67		91.9	40-140				
Benzo(k)fluoranthene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140				
Bis(2-chloroethoxy)methane	1.55	0.34	mg/Kg wet	1.67		93.0	40-140				
Bis(2-chloroethyl)ether	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Bis(2-chloroisopropyl)ether	1.32	0.34	mg/Kg wet	1.67		79.0	40-140				
Bis(2-Ethylhexyl)phthalate	1.88	0.34	mg/Kg wet	1.67		113	40-140				
4-Bromophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.5	40-140				
Butylbenzylphthalate	1.97	0.66	mg/Kg wet	1.67		118	40-140				
4-Chloroaniline	0.802	0.66	mg/Kg wet	1.67		48.1	15-140				†
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.5	40-140				
2-Chlorophenol	1.39	0.34	mg/Kg wet	1.67		83.5	30-130				
Chrysene	1.58	0.17	mg/Kg wet	1.67		94.6	40-140				
Dibenz(a,h)anthracene	1.47	0.17	mg/Kg wet	1.67		88.4	40-140				
Dibenzofuran	1.54	0.34	mg/Kg wet	1.67		92.2	40-140				
Di-n-butylphthalate	1.81	0.34	mg/Kg wet	1.67		109	40-140				
1,2-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.1	40-140				
1,3-Dichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.4	40-140				
1,4-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.7	40-140				
3,3-Dichlorobenzidine	1.14	0.17	mg/Kg wet	1.67		68.5	40-140				
2,4-Dichlorophenol	1.55	0.34	mg/Kg wet	1.67		93.1	30-130				
Diethylphthalate	1.73	0.34	mg/Kg wet	1.67		104	40-140				
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.1	30-130				
Dimethylphthalate	1.62	0.66	mg/Kg wet	1.67		97.5	40-140				
2,4-Dinitrophenol	1.23	0.66	mg/Kg wet	1.67		74.0	15-140			R-05	†
2,4-Dinitrotoluene	1.79	0.34	mg/Kg wet	1.67		108	40-140				
2,6-Dinitrotoluene	1.64	0.34	mg/Kg wet	1.67		98.4	40-140				
Di-n-octylphthalate	1.58	0.66	mg/Kg wet	1.67		94.8	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.34	mg/Kg wet	1.67		90.9	40-140				
Fluoranthene	1.60	0.17	mg/Kg wet	1.67		96.1	40-140				
Fluorene	1.66	0.17	mg/Kg wet	1.67		99.6	40-140				
Hexachlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.4	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 B038502 - SW-846 3546												
LCS (B038502-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11								
Hexachlorobutadiene	1.58	0.34	mg/Kg wet	1.67		95.1		40-140				
Hexachloroethane	1.42	0.34	mg/Kg wet	1.67		85.0		40-140				
Indeno(1,2,3-cd)pyrene	1.45	0.17	mg/Kg wet	1.67		87.1		40-140				
Isophorone	1.57	0.34	mg/Kg wet	1.67		94.1		40-140				
2-Methylnaphthalene	1.44	0.17	mg/Kg wet	1.67		86.4		40-140				
2-Methylphenol	1.40	0.34	mg/Kg wet	1.67		83.9		30-130				
3/4-Methylphenol	1.27	0.34	mg/Kg wet	1.67		76.4		30-130				
Naphthalene	1.38	0.17	mg/Kg wet	1.67		82.8		40-140				
Nitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.5		40-140				
2-Nitrophenol	1.44	0.34	mg/Kg wet	1.67		86.6		30-130				
4-Nitrophenol	2.07	0.66	mg/Kg wet	1.67		124		15-140			V-06	†
Pentachlorophenol	1.38	0.34	mg/Kg wet	1.67		83.1		30-130				
Phenanthrene	1.54	0.17	mg/Kg wet	1.67		92.7		40-140				
Phenol	1.49	0.34	mg/Kg wet	1.67		89.2		15-140				†
Pyrene	2.00	0.17	mg/Kg wet	1.67		120		40-140				
1,2,4-Trichlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.1		40-140				
2,4,5-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.5		30-130				
2,4,6-Trichlorophenol	1.54	0.34	mg/Kg wet	1.67		92.4		30-130				
Surrogate: 2-Fluorophenol	*6.28*		mg/Kg wet	6.67		94.2		30-130				
Surrogate: Phenol-d6	*6.29*		mg/Kg wet	6.67		94.4		30-130				
Surrogate: Nitrobenzene-d5	*3.07*		mg/Kg wet	3.33		92.0		30-130				
Surrogate: 2-Fluorobiphenyl	*2.86*		mg/Kg wet	3.33		85.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*9.90*		mg/Kg wet	6.67		**149**	*	30-130			S-07	
Surrogate: Terphenyl-d14	*4.46*		mg/Kg wet	3.33		**134**	*	30-130			S-07	
LCS Dup (B038502-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11								
Acenaphthene	1.49	0.17	mg/Kg wet	1.67		89.2		40-140	1.09	30		
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.8		40-140	1.42	30		
Acetophenone	1.56	0.34	mg/Kg wet	1.67		93.7		40-140	4.74	30		
Aniline	1.02	0.34	mg/Kg wet	1.67		61.3		40-140	4.10	30		
Anthracene	1.59	0.17	mg/Kg wet	1.67		95.1		40-140	1.19	30		
Benzo(a)anthracene	1.56	0.17	mg/Kg wet	1.67		93.9		40-140	1.89	30		
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.2		40-140	2.70	30		
Benzo(b)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.3		40-140	2.76	30		
Benzo(g,h,i)perylene	1.62	0.17	mg/Kg wet	1.67		97.1		40-140	5.55	30		
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.6		40-140	1.62	30		
Bis(2-chloroethoxy)methane	1.57	0.34	mg/Kg wet	1.67		94.4		40-140	1.56	30		
Bis(2-chloroethyl)ether	1.43	0.34	mg/Kg wet	1.67		85.5		40-140	1.34	30		
Bis(2-chloroisopropyl)ether	1.31	0.34	mg/Kg wet	1.67		78.5		40-140	0.559	30		
Bis(2-Ethylhexyl)phthalate	1.90	0.34	mg/Kg wet	1.67		114		40-140	1.07	30		
4-Bromophenylphenylether	1.65	0.34	mg/Kg wet	1.67		98.9		40-140	12.3	30		
Butylbenzylphthalate	1.91	0.66	mg/Kg wet	1.67		115		40-140	2.89	30		
4-Chloroaniline	0.785	0.66	mg/Kg wet	1.67		47.1		15-140	2.18	30		†
2-Chloronaphthalene	1.21	0.34	mg/Kg wet	1.67		72.5		40-140	4.26	30		
2-Chlorophenol	1.44	0.34	mg/Kg wet	1.67		86.6		30-130	3.67	30		
Chrysene	1.63	0.17	mg/Kg wet	1.67		97.5		40-140	3.04	30		
Dibenz(a,h)anthracene	1.64	0.17	mg/Kg wet	1.67		98.3		40-140	10.6	30		
Dibenzofuran	1.51	0.34	mg/Kg wet	1.67		90.5		40-140	1.86	30		
Di-n-butylphthalate	1.72	0.34	mg/Kg wet	1.67		103		40-140	5.22	30		
1,2-Dichlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.9		40-140	0.906	30		
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.3		40-140	1.23	30		
1,4-Dichlorobenzene	1.36	0.34	mg/Kg wet	1.67		81.5		40-140	3.40	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 B038502 - SW-846 3546												
LCS Dup (B038502-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11								
3,3-Dichlorobenzidine	1.18	0.17	mg/Kg wet	1.67		70.6	40-140	3.13		30		
2,4-Dichlorophenol	1.62	0.34	mg/Kg wet	1.67		97.1	30-130	4.18		30		
Diethylphthalate	1.51	0.34	mg/Kg wet	1.67		90.6	40-140	13.7		30		
2,4-Dimethylphenol	1.50	0.34	mg/Kg wet	1.67		90.1	30-130	2.25		30		
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		91.7	40-140	6.11		30		
2,4-Dinitrophenol	0.806	0.66	mg/Kg wet	1.67		48.4	15-140	**41.9**	*	30	R-05	†
2,4-Dinitrotoluene	1.48	0.34	mg/Kg wet	1.67		88.8	40-140	19.0		30		
2,6-Dinitrotoluene	1.46	0.34	mg/Kg wet	1.67		87.8	40-140	11.4		30		
Di-n-octylphthalate	1.49	0.66	mg/Kg wet	1.67		89.3	40-140	6.00		30		
1,2-Diphenylhydrazine (as Azobenzene)	1.68	0.34	mg/Kg wet	1.67		101	40-140	10.1		30		
Fluoranthene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140	6.47		30		
Fluorene	1.55	0.17	mg/Kg wet	1.67		92.9	40-140	6.96		30		
Hexachlorobenzene	1.67	0.34	mg/Kg wet	1.67		100	40-140	9.11		30		
Hexachlorobutadiene	1.61	0.34	mg/Kg wet	1.67		96.6	40-140	1.63		30		
Hexachloroethane	1.44	0.34	mg/Kg wet	1.67		86.5	40-140	1.75		30		
Indeno(1,2,3-cd)pyrene	1.59	0.17	mg/Kg wet	1.67		95.2	40-140	8.84		30		
Isophorone	1.60	0.34	mg/Kg wet	1.67		96.1	40-140	2.04		30		
2-Methylnaphthalene	1.44	0.17	mg/Kg wet	1.67		86.5	40-140	0.139		30		
2-Methylphenol	1.46	0.34	mg/Kg wet	1.67		87.6	30-130	4.34		30		
3/4-Methylphenol	1.31	0.34	mg/Kg wet	1.67		78.3	30-130	2.46		30		
Naphthalene	1.40	0.17	mg/Kg wet	1.67		84.2	40-140	1.61		30		
Nitrobenzene	1.50	0.34	mg/Kg wet	1.67		90.2	40-140	3.02		30		
2-Nitrophenol	1.48	0.34	mg/Kg wet	1.67		88.5	30-130	2.19		30		
4-Nitrophenol	1.62	0.66	mg/Kg wet	1.67		97.1	15-140	24.4		30	V-06	†
Pentachlorophenol	1.22	0.34	mg/Kg wet	1.67		73.1	30-130	12.8		30		
Phenanthrene	1.54	0.17	mg/Kg wet	1.67		92.1	40-140	0.628		30		
Phenol	1.54	0.34	mg/Kg wet	1.67		92.3	15-140	3.37		30		†
Pyrene	1.89	0.17	mg/Kg wet	1.67		113	40-140	5.54		30		
1,2,4-Trichlorobenzene	1.50	0.34	mg/Kg wet	1.67		90.1	40-140	1.14		30		
2,4,5-Trichlorophenol	1.63	0.34	mg/Kg wet	1.67		97.5	30-130	2.13		30		
2,4,6-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		94.6	30-130	2.42		30		
Surrogate: 2-Fluorophenol	*6.31*		mg/Kg wet	6.67		94.6	30-130					
Surrogate: Phenol-d6	*6.42*		mg/Kg wet	6.67		96.3	30-130					
Surrogate: Nitrobenzene-d5	*3.07*		mg/Kg wet	3.33		92.2	30-130					
Surrogate: 2-Fluorobiphenyl	*3.01*		mg/Kg wet	3.33		90.2	30-130					
Surrogate: 2,4,6-Tribromophenol	*7.81*		mg/Kg wet	6.67		117	30-130					
Surrogate: Terphenyl-d14	*4.03*		mg/Kg wet	3.33		121	30-130					

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
Blank (B038360-BLK1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.129*		mg/Kg wet	0.200		64.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.128*		mg/Kg wet	0.200		64.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.143*		mg/Kg wet	0.200		71.3	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
LCS (B038360-BS1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		110	40-140			
Aldrin [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
beta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
delta-BHC	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		106	40-140			
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		109	40-140			
4,4'-DDD	0.023	0.0040	mg/Kg wet	0.0200		113	40-140			
4,4'-DDD [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140			
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
4,4'-DDT	0.024	0.0040	mg/Kg wet	0.0200		119	40-140			
4,4'-DDT [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
Dieldrin [2C]	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		118	40-140			
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
Endosulfan II	0.024	0.0080	mg/Kg wet	0.0200		122	40-140			
Endosulfan II [2C]	0.023	0.0080	mg/Kg wet	0.0200		116	40-140			
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		118	40-140			
Endrin	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endrin [2C]	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		98.1	40-140			
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		114	40-140			
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Heptachlor Epoxide	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
Hexachlorobenzene	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Hexachlorobenzene [2C]	0.021	0.0050	mg/Kg wet	0.0200		105	40-140			
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		122	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		122	40-140			
Surrogate: Decachlorobiphenyl	*0.157*		mg/Kg wet	0.200		78.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.156*		mg/Kg wet	0.200		78.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			
LCS Dup (B038360-BSD1)				Prepared: 10/03/11 Analyzed: 10/06/11						
Aldrin	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	6.98	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	7.32	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	7.18	30	
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	7.21	30	
beta-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	7.79	30	
beta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		122	40-140	6.58	30	
delta-BHC	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	6.63	30	
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140	5.31	30	
gamma-BHC (Lindane)	0.023	0.0020	mg/Kg wet	0.0200		113	40-140	6.81	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		116	40-140	6.72	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B038360 - SW-846 3546										
LCS Dup (B038360-BSD1)				Prepared: 10/03/11 Analyzed: 10/06/11						
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		120	40-140	5.63	30	
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		123	40-140	4.94	30	
4,4'-DDE	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	5.70	30	
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		118	40-140	5.84	30	
4,4'-DDT	0.025	0.0040	mg/Kg wet	0.0200		125	40-140	4.20	30	
4,4'-DDT [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	4.45	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		114	40-140	5.61	30	
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		116	40-140	5.93	30	
Endosulfan I	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	5.45	30	
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	5.69	30	
Endosulfan II	0.026	0.0080	mg/Kg wet	0.0200		128	40-140	4.80	30	
Endosulfan II [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140	5.17	30	
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		109	40-140	4.19	30	
Endosulfan Sulfate [2C]	0.024	0.0080	mg/Kg wet	0.0200		122	40-140	3.06	30	
Endrin	0.027	0.0080	mg/Kg wet	0.0200		133	40-140	3.50	30	
Endrin [2C]	0.027	0.0080	mg/Kg wet	0.0200		135	40-140	4.89	30	
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		102	40-140	4.09	30	
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	4.13	30	
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	7.40	30	
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	8.72	30	
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	6.74	30	
Heptachlor Epoxide [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	6.78	30	
Hexachlorobenzene	0.021	0.0050	mg/Kg wet	0.0200		106	40-140	1.63	30	
Hexachlorobenzene [2C]	0.021	0.0050	mg/Kg wet	0.0200		104	40-140	1.22	30	
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		127	40-140	4.14	30	
Methoxychlor [2C]	0.025	0.050	mg/Kg wet	0.0200		126	40-140	3.86	30	
Surrogate: Decachlorobiphenyl	*0.162*		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.219*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.155*		mg/Kg wet	0.200		77.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.173*		mg/Kg wet	0.200		86.5	30-150			

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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 B038361 - SW-846 3546										
Blank (B038361-BLK1)				Prepared & Analyzed: 10/03/11						
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	*0.122*		mg/Kg wet	0.200		61.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.128*		mg/Kg wet	0.200		63.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.154*		mg/Kg wet	0.200		76.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.157*		mg/Kg wet	0.200		78.6	30-150			
LCS (B038361-BS1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.7	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.5	40-140			
Surrogate: Decachlorobiphenyl	*0.169*		mg/Kg wet	0.200		84.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg wet	0.200		105	30-150			
LCS Dup (B038361-BSD1)				Prepared & Analyzed: 10/03/11						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140	1.72	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140	0.190	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.0	40-140	1.36	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.1	40-140	1.61	30	
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		84.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.199*		mg/Kg wet	0.200		99.7	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 B038498 - SW-846 3546										
Blank (B038498-BLK1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.42*		mg/Kg wet	3.33		72.7	40-140			
LCS (B038498-BS1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	23.9	8.3	mg/Kg wet	33.3		71.6	40-140			
Surrogate: o-Terphenyl	*2.37*		mg/Kg wet	3.33		71.0	40-140			
LCS Dup (B038498-BSD1)				Prepared: 10/04/11 Analyzed: 10/05/11						
TPH C9-C36 Hydrocarbons as Diesel	23.7	8.3	mg/Kg wet	33.3		71.1	40-140	0.707	30	
Surrogate: o-Terphenyl	*2.31*		mg/Kg wet	3.33		69.4	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 B038392 - SW-846 3050B												
Blank (B038392-BLK1)				Prepared: 10/03/11 Analyzed: 10/04/11								
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 (B038392-BS1)				Prepared: 10/03/11 Analyzed: 10/04/11								
Arsenic	112	5.1	mg/Kg wet	109		103		83.2-117.4				
Barium	209	5.1	mg/Kg wet	206		101		83.1-116.9				
Cadmium	80.9	0.51	mg/Kg wet	80.2		101		80.7-119.1				
Chromium	119	1.0	mg/Kg wet	117		102		80.6-119.9				
Lead	72.7	1.5	mg/Kg wet	76.2		95.4		78.9-121.1				
Selenium	130	10	mg/Kg wet	127		103		79.2-120.3				
Silver	41.4	1.0	mg/Kg wet	41.0		101		66.3-133.7				
LCS (B038392-BS2)				Prepared: 10/03/11 Analyzed: 10/04/11								
Lead	0.779	0.75	mg/Kg wet	0.750		104		80-120				
LCS Dup (B038392-BSD1)				Prepared: 10/03/11 Analyzed: 10/04/11								
Arsenic	110	5.1	mg/Kg wet	109		101		83.2-117.4	1.52		30	
Barium	208	5.1	mg/Kg wet	206		101		83.1-116.9	0.268		30	
Cadmium	81.2	0.51	mg/Kg wet	80.2		101		80.7-119.1	0.376		30	
Chromium	118	1.0	mg/Kg wet	117		101		80.6-119.9	0.904		30	
Lead	73.2	1.5	mg/Kg wet	76.2		96.0		78.9-121.1	0.721		30	
Selenium	137	10	mg/Kg wet	127		108		79.2-120.3	5.33		30	
Silver	40.4	1.0	mg/Kg wet	41.0		98.5		66.3-133.7	2.53		30	
Duplicate (B038392-DUP1)	**Source: 11I1151-01**			Prepared: 10/03/11 Analyzed: 10/04/11								
Arsenic	ND	2.8	mg/Kg dry		3.57				NC		35	
Barium	273	2.8	mg/Kg dry		313				13.5		35	
Cadmium	1.58	0.28	mg/Kg dry		2.00				23.2		35	
Chromium	16.5	0.56	mg/Kg dry		35.2				**72.2**	*	35	R-02
Lead	681	0.83	mg/Kg dry		558				19.8		35	
Selenium	ND	5.6	mg/Kg dry		ND				NC		35	
Silver	ND	0.56	mg/Kg dry		ND				NC		35	
Matrix Spike (B038392-MS1)	**Source: 11I1151-01**			Prepared: 10/03/11 Analyzed: 10/04/11								
Arsenic	28.2	2.8	mg/Kg dry	27.9	3.57	88.3		75-125				
Barium	217	2.8	mg/Kg dry	27.9	313	**-343**	*	75-125				MS-19
Cadmium	28.2	0.28	mg/Kg dry	27.9	2.00	94.0		75-125				
Chromium	50.0	0.56	mg/Kg dry	27.9	35.2	**53.3**	*	75-125				MS-07
Lead	457	0.84	mg/Kg dry	27.9	558	**-363**	*	75-125				MS-19
Selenium	15.1	5.6	mg/Kg dry	27.9	ND	**54.3**	*	75-125				MS-07
Silver	26.7	0.56	mg/Kg dry	27.9	0.427	94.3		75-125				

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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 B038644 - SW-846 7471										
Blank (B038644-BLK1)				Prepared: 10/06/11 Analyzed: 10/07/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B038644-BS1)				Prepared: 10/06/11 Analyzed: 10/07/11						
Mercury	1.06	0.089	mg/Kg wet	1.25		84.5	66-132			
LCS Dup (B038644-BSD1)				Prepared: 10/06/11 Analyzed: 10/07/11						
Mercury	1.16	0.092	mg/Kg wet	1.25		92.9	66-132	9.51	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 B038444 - SW-846 9045C										
Duplicate (B038444-DUP1)	**Source: 11I1151-03**			Prepared & Analyzed: 09/30/11						
pH	6.2		pH Units		6.3			1.91	8.06	
Batch B038550 - SW-846 1010										
Blank (B038550-BLK1)				Prepared & Analyzed: 10/04/11						
Flashpoint	> 212 °F		°F							
LCS (B038550-BS1)				Prepared & Analyzed: 10/04/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B038550-BSD1)				Prepared & Analyzed: 10/04/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	
Batch B038552 - SW-846 9014										
Blank (B038552-BLK1)				Prepared: 10/04/11 Analyzed: 10/06/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B038552-BS1)				Prepared: 10/04/11 Analyzed: 10/06/11						
Reactive Cyanide	8.9	0.40	mg/Kg	10.0		89.0	0-200			
Batch B038553 - SW-846 9030A										
Blank (B038553-BLK1)				Prepared: 10/04/11 Analyzed: 10/06/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B038553-BS1)				Prepared: 10/04/11 Analyzed: 10/06/11						
Reactive Sulfide	14	2.0	mg/Kg	15.2		92.1	0-200			
Batch B038605 - SM18-20 2510B										
Blank (B038605-BLK1)				Prepared & Analyzed: 10/05/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B038605-BS1)				Prepared & Analyzed: 10/05/11						
Specific conductance	140	2.0	µmhos/cm	147		98.5	78.2-106			
Duplicate (B038605-DUP1)	**Source: 11I1151-04**			Prepared & Analyzed: 10/05/11						
Specific conductance	5.7	2.0	µmhos/cm		5.2			7.69	19.1	

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BREAKDOWN REPORT

Lab Sample ID:	S001112-PEM1	Analyzed:	10/06/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.64
Endrin [1]	5.37

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.84
Endrin [2]	3.36

BREAKDOWN REPORT

Lab Sample ID:	S001113-PEM1	Analyzed:	10/06/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.94
Endrin [1]	3.00

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	2.35
Endrin [2]	4.50

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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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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.
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.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-06	Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met.
RL-08	Elevated reporting limit due to sample matrix interference. 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%.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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-17	Internal standard area <50% of associated calibration standard internal standard area.
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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

111151

Company Name: TRC
Address: 650 SUFFOLK ST
LOWELL MA
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD NBHS
Sampled By: JEFF R. / BOBBY B.

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

DATA DELIVERY (check all that apply)
○ FAX ✓ EMAIL ✓ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ✓ PDF ✓ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

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	# of Containers	** Preservation	***Container Code	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY/F.P. CORROSIVITY/pH	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
								12	M/01	V	A[8]	G[4]	G[4]								
01	STKP D3-1	9/30	9:35	✓	VOC	S	U	4	-	A[8]	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
02	STKP D3-2	9/30	10:05	✓	VOC	S	U	4	-	A[8]	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
03	STKP D3-3	9/30	10:55	✓	VOC	S	U	4	-	A[8]	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
04	STKP D3-4	9/30	11:50	✓	VOC	S	U	4	-	A[8]	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
09-30-11 22:14 IN

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:
Jason C. Fiore	9/30 1645
Received by: (signature)	Date/Time:
[signature]	9-30-11 1645
Relinquished by: (signature)	Date/Time:
[signature]	9-30-11 1843
Received by: (signature) 6.0	Date/Time:
[signature]	9/30 1843

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM. 97
Connecticut:
Other: TURNKEY NH.

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Commercial Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 9/30/11

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

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 6.0

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

7) 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	8
250 mL Amber (8oz amber)	4	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	4
40 mL Vial - type listed below	12	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 4
Bisulfate _____ # DI Water 8
Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 09-30-11 22:14 IN

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

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

Doc# 277

Rev. 1 May 2011

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

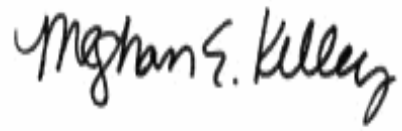
October 10, 2011

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11J0253

Enclosed are results of analyses for samples received by the laboratory on October 7, 2011. 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: 10/10/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0253

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP D3-1	11J0253-01	Soil		SW-846 6010C	
STKP D3-2	11J0253-02	Soil		SW-846 6010C	
STKP D3-3	11J0253-03	Soil		SW-846 6010C	
STKP D3-4	11J0253-04	Soil		SW-846 6010C	

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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 lead was requested and reported.

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

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0253

Date Received: 10/7/2011

Field Sample #: STKP D3-1 | Sampled: 9/30/2011 09:35

Sample ID: 11J0253-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.78	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 14:34	OP

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0253

Date Received: 10/7/2011

Field Sample #: STKP D3-2 | Sampled: 9/30/2011 10:05

Sample ID: 11J0253-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.77	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 14:56	OP

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0253

Date Received: 10/7/2011

Field Sample #: STKP D3-3 | Sampled: 9/30/2011 10:55

Sample ID: 11J0253-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.0	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 15:02	OP

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

Project Location: New Bedford | Sample Description: | Work Order: 11J0253

Date Received: 10/7/2011

Field Sample #: STKP D3-4 | Sampled: 9/30/2011 11:50

Sample ID: 11J0253-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.6	0.010	mg/L	1		SW-846 6010C	10/10/11	10/10/11 15:08	OP

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

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0253-01 [STKP D3-1]	B038853	50.0	50.0	10/10/11
11J0253-02 [STKP D3-2]	B038853	50.0	50.0	10/10/11
11J0253-03 [STKP D3-3]	B038853	50.0	50.0	10/10/11
11J0253-04 [STKP D3-4]	B038853	50.0	50.0	10/10/11

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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 B038853 - SW-846 3010A										
Blank (B038853-BLK1)				Prepared & Analyzed: 10/10/11						
Lead	ND	0.010	mg/L							
LCS (B038853-BS1)				Prepared & Analyzed: 10/10/11						
Lead	0.481	0.010	mg/L	0.500		96.2	80-120			
LCS Dup (B038853-BSD1)				Prepared & Analyzed: 10/10/11						
Lead	0.466	0.010	mg/L	0.500		93.1	80-120	3.28	20	
Matrix Spike (B038853-MS1)	**Source: 11J0253-01**			Prepared & Analyzed: 10/10/11						
Lead	1.25	0.010	mg/L	0.500	0.784	92.6	75-125			

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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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,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	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11J0253 ~~HI115~~ MK

Company Name: TRC
Telephone: 978-970-5600
Address: 650 SUFFOLK ST
LOWELL MA
Project #: 115058
Client PO#: 36222
Attention: DAVID SULLIVAN
Project Location: NEW BEDFORD NBHS
Sampled By: JEFF R. / BOBBY B.
Project Proposal Provided? (for billing purposes) ○ yes ________ proposal date

DATA DELIVERY (check all that apply)
○ FAX ☑ EMAIL ☑ WEBSITE
Fax #
Email: DSULLIVAN@TRCSOLUTIONS.COM
Format: ☑ PDF ☑ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

								VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES.	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH.	REACTIVE CYANIDE & SULFIDE	TPH By 8100M	CONDUCTIVITY	TCLP RCRA 8 METALS EXTRACT & HOLD
							# of Containers	12	4	4	4							
							** Preservation	M/DI	–	–	–							
							***Container Code	V	A8	G4	G4							
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											
01	STKP D3-1	9/30	9:35	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
02	STKP D3-2	9/30	10:05	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
03	STKP D3-3	9/30	10:55	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
04	STKP D3-4	9/30	11:50	✓	VOC	S	U	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
09-30-11 22:14 IN
Reactivate for TCLP Pb on a Rush TAT per attached email. MK 10/17

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

Signature	Date/Time
Relinquished by: (signature) Jason C. Fiero	9/30 1645
Received by: (signature) [signature]	9-30-11 1645
Relinquished by: (signature) [signature]	9-30-11 1843
Received by: (signature) [signature] 6.0	9/30 1843

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 Day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: COMM, 97
Connecticut:
Other: TURNKEY NH.

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # ________

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Meghan Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@trcsolutions.com]
Sent: Friday, October 07, 2011 4:08 PM
To: Meghan Kelley
Cc: Sullivan, Dave (Lowell,MA-US); Tuttle, Dennis (Lowell,MA-US)
Subject: TCLP Authorizations

Meghan,

Based on the preliminary results available on the website, please proceed with the TCLP lead analyses for samples STKP-D2-8 through STKP-D2-10 in WO #1111072 and samples STKP-D3-1 through STKP-D3-4 in WO #1111151 (i.e., all samples in both work orders).

In addition, can you please give me an update on the timeframe for receiving these two reports? If possible, please rush the turnaround to include these results in the above mentioned work orders if at all possible.

Thanks.

-Jeff

Jeffry B. Saunders, PG
Project Geologist

Wannalancit Mills, 650 Suffolk Street, Lowell, MA 01854
T: 978.656.3610 | F: 978.453.1995 | C: 860.257.7068

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October 21, 2011

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

Project Location: New Bedford NBHS
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11J0526

Enclosed are results of analyses for samples received by the laboratory on October 14, 2011. 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: 10/21/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0526

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 NBHS

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-5	11J0526-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-D3-6	11J0526-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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: 10/21/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0526

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 NBHS

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-7	11J0526-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-D3-8	11J0526-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/21/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0526

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 NBHS

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-9	11J0526-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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 and TCLP lead results were requested and reported.

SW-846 6010C

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:

Lead

B039225-BS1

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9]

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B039214-MS1, B039214-MSD1

SW-846 8100 Modified

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

TPH C9-C36 Hydrocarbons as Diesel

11J0526-02[STKP-D3-6], B039213-MS1, B039213-MSD1

SW-846 8260C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B039231-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:

Bromomethane, Dichlorodifluoromethane (Freon 12)

B039231-BS1, B039231-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:

Carbon Disulfide

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9], B039231-BLK1, B039231-BS1, B039231-BSD1

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

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, Bromoform

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9], B039231-BLK1, B039231-BS1, B039231-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

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9], B039231-BLK1, B039231-BS1, B039231-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:

Bromomethane, Carbon Disulfide

B039231-BS1, B039231-BSD1

SW-846 8270D

Qualifications:

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:

1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzo(g,h,i)perylene, Dibenz(a,h)anthracene, Hexachlorobutadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Nitrobenzene

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9], B039212-BLK1, B039212-BS1, B039212-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

4-Chloroaniline, Butylbenzylphthalate, Dimethylphthalate, Di-n-octylphthalate

11J0526-03[STKP-D3-7], 11J0526-05[STKP-D3-9]

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

11J0526-05[STKP-D3-9]

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

11J0526-01[STKP-D3-5], 11J0526-02[STKP-D3-6], 11J0526-03[STKP-D3-7], 11J0526-04[STKP-D3-8], 11J0526-05[STKP-D3-9], B039212-BLK1, B039212-BS1, B039212-BSD1

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SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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 NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Bromoform	ND	0.0010	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Bromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
n-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
tert-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Carbon Disulfide	ND	0.020	mg/Kg dry	1	R-05	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Carbon Tetrachloride	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Chlorodibromomethane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Chloroethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Chloromethane	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2-Dibromoethane (EDB)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,3-Dichloropropane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
cis-1,3-Dichloropropene	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
trans-1,3-Dichloropropene	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Diethyl Ether	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Diisopropyl Ether (DIPE)	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,4-Dioxane	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 9:35	MFF

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
2-Hexanone (MBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Isopropylbenzene (Cumene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Methylene Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Naphthalene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Styrene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.00050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Tetrahydrofuran	ND	0.0050	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2,3-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2,4-Trichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
Vinyl Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 9:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	115	70-130		10/17/11 9:35
Toluene-d8	100	70-130		10/17/11 9:35
4-Bromofluorobenzene	84.2	70-130		10/17/11 9:35

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

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 8270D	10/15/11	10/19/11 18:58	MJC
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Anthracene	0.32	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Benzo(a)anthracene	0.72	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Benzo(a)pyrene	0.53	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Benzo(b)fluoranthene	0.60	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Benzo(g,h,i)perylene	0.23	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Benzo(k)fluoranthene	0.25	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Chrysene	0.79	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-19	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Fluoranthene	1.2	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Hexachloroethane	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Indeno(1,2,3-cd)pyrene	0.26	0.19	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

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 8270D	10/15/11	10/19/11 18:58	MJC
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Nitrobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Phenanthrene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
Pyrene	1.3	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 18:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	66.5	30-130		10/19/11 18:58
Phenol-d6	67.4	30-130		10/19/11 18:58
Nitrobenzene-d5	67.1	30-130		10/19/11 18:58
2-Fluorobiphenyl	77.2	30-130		10/19/11 18:58
2,4,6-Tribromophenol	55.3	30-130		10/19/11 18:58
Terphenyl-d14	62.4	30-130		10/19/11 18:58

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
gamma-BHC (Lindane) [1]	ND	0.045	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Chlordane [1]	ND	0.45	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
4,4'-DDD [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
4,4'-DDE [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
4,4'-DDT [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Dieldrin [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:34	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		10/19/11 17:34
Decachlorobiphenyl [2]	104	30-150		10/19/11 17:34
Tetrachloro-m-xylene [1]	93.9	30-150		10/19/11 17:34
Tetrachloro-m-xylene [2]	87.8	30-150		10/19/11 17:34

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

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	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1254 [1]	2.7	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	4		SW-846 8082A	10/15/11	10/18/11 6:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.8	30-150		10/18/11 6:37
Decachlorobiphenyl [2]	114	30-150		10/18/11 6:37
Tetrachloro-m-xylene [1]	101	30-150		10/18/11 6:37
Tetrachloro-m-xylene [2]	113	30-150		10/18/11 6:37

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

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	210	47	mg/Kg dry	5		SW-846 8100 Modified	10/15/11	10/17/11 20:01	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	78.1	40-140					10/17/11 20:01

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Barium	360	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Cadmium	0.98	0.29	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Chromium	22	0.57	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Lead	310	0.86	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Mercury	0.41	0.028	mg/Kg dry	1		SW-846 7471B	10/17/11	10/18/11 13:20	AMP
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:43	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/20/11	10/20/11 21:15	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @22.3°C	5.9		pH Units	1		SW-846 9045C	10/14/11	10/14/11 19:15	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/17/11	10/17/11 12:30	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/17/11	10/17/11 13:30	SBP
Specific conductance	4.4	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	87.7		% Wt	1		SM 2540G	10/16/11	10/17/11 13:42	WAL

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-5 | Sampled: 10/14/2011 07:55

Sample ID: 11J0526-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.73	0.010	mg/L	1		SW-846 6010C	10/18/11	10/19/11 18:05	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.071	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Bromoform	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Bromomethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Carbon Disulfide	ND	0.029	mg/Kg dry	1	R-05	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Chlorodibromomethane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Chloroethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Chloromethane	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2-Dibromoethane (EDB)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,3-Dichloropropane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
cis-1,3-Dichloropropene	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
trans-1,3-Dichloropropene	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Diethyl Ether	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Diisopropyl Ether (DIPE)	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,4-Dioxane	ND	0.071	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:01	MFF

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Methylene Chloride	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.00071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Tetrahydrofuran	ND	0.0071	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
Vinyl Chloride	ND	0.0071	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		10/17/11 10:01
Toluene-d8	104	70-130		10/17/11 10:01
4-Bromofluorobenzene	96.9	70-130		10/17/11 10:01

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

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 8270D	10/15/11	10/19/11 19:28	MJC
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Anthracene	0.32	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Benzo(a)anthracene	1.1	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Benzo(a)pyrene	0.76	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Benzo(b)fluoranthene	0.87	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Benzo(g,h,i)perylene	0.32	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Benzo(k)fluoranthene	0.35	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Butylbenzylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Chrysene	1.2	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Dimethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-19	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Di-n-octylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Fluoranthene	1.5	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Hexachloroethane	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Indeno(1,2,3-cd)pyrene	0.37	0.19	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

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 8270D	10/15/11	10/19/11 19:28	MJC
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Nitrobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Phenanthrene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
Pyrene	1.9	0.19	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 19:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	45.5	30-130		10/19/11 19:28
Phenol-d6	44.6	30-130		10/19/11 19:28
Nitrobenzene-d5	49.4	30-130		10/19/11 19:28
2-Fluorobiphenyl	49.2	30-130		10/19/11 19:28
2,4,6-Tribromophenol	52.2	30-130		10/19/11 19:28
Terphenyl-d14	58.0	30-130		10/19/11 19:28

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
alpha-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
beta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
delta-BHC [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
gamma-BHC (Lindane) [1]	ND	0.045	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Chlordane [1]	ND	0.45	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
4,4'-DDD [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
4,4'-DDE [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
4,4'-DDT [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Dieldrin [1]	ND	0.090	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Endosulfan I [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Endosulfan II [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Endosulfan sulfate [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Endrin [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Endrin ketone [1]	ND	0.18	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Heptachlor [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Heptachlor epoxide [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Hexachlorobenzene [1]	ND	0.11	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB
Methoxychlor [1]	ND	1.1	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 17:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.3	30-150		10/19/11 17:52
Decachlorobiphenyl [2]	94.5	30-150		10/19/11 17:52
Tetrachloro-m-xylene [1]	88.9	30-150		10/19/11 17:52
Tetrachloro-m-xylene [2]	88.5	30-150		10/19/11 17:52

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

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 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1254 [2]	0.43	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:36	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.8	30-150		10/17/11 14:36
Decachlorobiphenyl [2]	102	30-150		10/17/11 14:36
Tetrachloro-m-xylene [1]	97.8	30-150		10/17/11 14:36
Tetrachloro-m-xylene [2]	104	30-150		10/17/11 14:36

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

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	160	48	mg/Kg dry	5	MS-19	SW-846 8100 Modified	10/15/11	10/17/11 19:04	SCS

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	91.5	40-140		10/17/11 19:04

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Barium	180	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Cadmium	0.75	0.29	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Chromium	20	0.58	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Lead	850	0.86	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Mercury	0.28	0.028	mg/Kg dry	1		SW-846 7471B	10/17/11	10/18/11 13:22	AMP
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:48	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/20/11	10/20/11 21:15	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @20.7°C	6.1		pH Units	1		SW-846 9045C	10/14/11	10/14/11 19:15	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/17/11	10/17/11 12:30	SBP
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	10/17/11	10/17/11 13:30	SBP
Specific conductance	4.4	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	87.0		% Wt	1		SM 2540G	10/16/11	10/17/11 13:42	WAL

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-6 | Sampled: 10/14/2011 08:25

Sample ID: 11J0526-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.52	0.010	mg/L	1		SW-846 6010C	10/18/11	10/19/11 18:10	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Bromoform	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Carbon Disulfide	ND	0.026	mg/Kg dry	1	R-05	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Chloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Diethyl Ether	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:27	MFF

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Methylene Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Naphthalene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		10/17/11 10:27
Toluene-d8	103	70-130		10/17/11 10:27
4-Bromofluorobenzene	98.0	70-130		10/17/11 10:27

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Acenaphthylene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Acetophenone	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Aniline	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Anthracene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Benzo(a)anthracene	0.64	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Benzo(a)pyrene	0.52	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Benzo(b)fluoranthene	0.70	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Benzo(g,h,i)perylene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Benzo(k)fluoranthene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Bis(2-chloroethoxy)methane	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Bis(2-chloroethyl)ether	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Bis(2-chloroisopropyl)ether	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Bis(2-Ethylhexyl)phthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
4-Bromophenylphenylether	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Butylbenzylphthalate	ND	1.5	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
4-Chloroaniline	ND	1.5	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2-Chloronaphthalene	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2-Chlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Chrysene	0.74	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Dibenzofuran	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Di-n-butylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
1,2-Dichlorobenzene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
1,3-Dichlorobenzene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
1,4-Dichlorobenzene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4-Dichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Diethylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4-Dimethylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Dimethylphthalate	ND	1.5	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	2	V-19	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4-Dinitrotoluene	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,6-Dinitrotoluene	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Di-n-octylphthalate	ND	1.5	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Fluoranthene	1.1	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Fluorene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Hexachlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Hexachlorobutadiene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Hexachloroethane	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Indeno(1,2,3-cd)pyrene	ND	0.39	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Isophorone	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

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	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2-Methylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
3/4-Methylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Naphthalene	ND	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Nitrobenzene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2-Nitrophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
4-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Pentachlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Phenanthrene	1.1	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Phenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
Pyrene	0.93	0.39	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
1,2,4-Trichlorobenzene	ND	0.79	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4,5-Trichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC
2,4,6-Trichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 19:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	47.8	30-130		10/19/11 19:57
Phenol-d6	48.2	30-130		10/19/11 19:57
Nitrobenzene-d5	52.7	30-130		10/19/11 19:57
2-Fluorobiphenyl	47.2	30-130		10/19/11 19:57
2,4,6-Tribromophenol	36.5	30-130		10/19/11 19:57
Terphenyl-d14	36.6	30-130		10/19/11 19:57

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
alpha-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
beta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
delta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
gamma-BHC (Lindane) [1]	ND	0.046	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Chlordane [1]	ND	0.46	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
4,4'-DDD [1]	ND	0.093	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
4,4'-DDE [1]	ND	0.093	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
4,4'-DDT [1]	ND	0.093	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Dieldrin [1]	ND	0.093	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Endosulfan I [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Endosulfan II [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Endosulfan sulfate [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Endrin [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Endrin ketone [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Heptachlor [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Heptachlor epoxide [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Hexachlorobenzene [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB
Methoxychlor [1]	ND	1.2	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:10	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.6	30-150		10/19/11 18:10
Decachlorobiphenyl [2]	95.2	30-150		10/19/11 18:10
Tetrachloro-m-xylene [1]	85.9	30-150		10/19/11 18:10
Tetrachloro-m-xylene [2]	89.9	30-150		10/19/11 18:10

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

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	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1254 [2]	0.44	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 14:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.5	30-150		10/17/11 14:50
Decachlorobiphenyl [2]	99.1	30-150		10/17/11 14:50
Tetrachloro-m-xylene [1]	95.9	30-150		10/17/11 14:50
Tetrachloro-m-xylene [2]	102	30-150		10/17/11 14:50

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

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	180	48	mg/Kg dry	5		SW-846 8100 Modified	10/15/11	10/17/11 19:42	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	72.9	40-140					10/17/11 19:42

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.9	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Barium	210	2.9	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Cadmium	0.93	0.29	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Chromium	21	0.58	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Lead	320	0.87	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Mercury	0.29	0.028	mg/Kg dry	1		SW-846 7471B	10/17/11	10/18/11 13:24	AMP
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:53	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/20/11	10/20/11 21:15	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @21.2°C	6.4		pH Units	1		SW-846 9045C	10/14/11	10/14/11 19:15	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/17/11	10/17/11 12:30	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/17/11	10/17/11 13:30	SBP
Specific conductance	4.1	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	86.2		% Wt	1		SM 2540G	10/16/11	10/17/11 13:42	WAL

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-7 | Sampled: 10/14/2011 09:15

Sample ID: 11J0526-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.86	0.010	mg/L	1		SW-846 6010C	10/18/11	10/19/11 18:32	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Bromoform	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Bromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
2-Butanone (MEK)	ND	0.028	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Carbon Disulfide	ND	0.028	mg/Kg dry	1	R-05	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Chloroethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Chloroform	ND	0.0028	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1-Dichloroethylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Diethyl Ether	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Diisopropyl Ether (DIPE)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,4-Dioxane	ND	0.069	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:53	MFF

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Methylene Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Naphthalene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Tetrahydrofuran	ND	0.0069	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
m+p Xylene	ND	0.0028	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 10:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	113	70-130		10/17/11 10:53
Toluene-d8	104	70-130		10/17/11 10:53
4-Bromofluorobenzene	96.1	70-130		10/17/11 10:53

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Aniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Anthracene	0.30	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Benzo(a)anthracene	0.85	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Benzo(a)pyrene	0.70	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Benzo(b)fluoranthene	0.85	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Benzo(g,h,i)perylene	0.31	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Benzo(k)fluoranthene	0.34	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Butylbenzylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Chrysene	0.97	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Dimethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1	V-19	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Di-n-octylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Fluoranthene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Hexachloroethane	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Indeno(1,2,3-cd)pyrene	0.35	0.20	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

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	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Nitrobenzene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Phenanthrene	1.4	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
Pyrene	1.4	0.20	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1	R-05	SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	10/15/11	10/19/11 20:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	50.4	30-130		10/19/11 20:26
Phenol-d6	48.7	30-130		10/19/11 20:26
Nitrobenzene-d5	59.4	30-130		10/19/11 20:26
2-Fluorobiphenyl	62.7	30-130		10/19/11 20:26
2,4,6-Tribromophenol	57.0	30-130		10/19/11 20:26
Terphenyl-d14	50.9	30-130		10/19/11 20:26

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
alpha-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
beta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
delta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
gamma-BHC (Lindane) [1]	ND	0.048	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Chlordane [1]	ND	0.48	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
4,4'-DDD [1]	ND	0.096	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
4,4'-DDE [1]	ND	0.096	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
4,4'-DDT [1]	ND	0.096	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Dieldrin [1]	ND	0.096	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Endosulfan I [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Endosulfan II [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Endosulfan sulfate [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Endrin [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Endrin ketone [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Heptachlor [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Heptachlor epoxide [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Hexachlorobenzene [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB
Methoxychlor [1]	ND	1.2	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.4	30-150		10/19/11 18:37
Decachlorobiphenyl [2]	93.1	30-150		10/19/11 18:37
Tetrachloro-m-xylene [1]	80.9	30-150		10/19/11 18:37
Tetrachloro-m-xylene [2]	87.0	30-150		10/19/11 18:37

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

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	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1254 [1]	0.53	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1260 [1]	0.27	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	90.7	30-150		10/17/11 15:04
Decachlorobiphenyl [2]	101	30-150		10/17/11 15:04
Tetrachloro-m-xylene [1]	93.0	30-150		10/17/11 15:04
Tetrachloro-m-xylene [2]	97.0	30-150		10/17/11 15:04

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

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	440	100	mg/Kg dry	10		SW-846 8100 Modified	10/15/11	10/17/11 19:23	SCS

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	72.2	40-140		10/17/11 19:23

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.7	3.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Barium	360	3.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Cadmium	1.9	0.30	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Chromium	27	0.60	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Lead	590	0.90	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Mercury	0.56	0.059	mg/Kg dry	2		SW-846 7471B	10/17/11	10/18/11 13:44	AMP
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP
Silver	0.85	0.60	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 20:58	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/20/11	10/20/11 21:15	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @21°C	6.5		pH Units	1		SW-846 9045C	10/14/11	10/14/11 19:15	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/17/11	10/17/11 12:30	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/17/11	10/17/11 13:30	SBP
Specific conductance	6.5	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	83.3		% Wt	1		SM 2540G	10/16/11	10/17/11 13:42	WAL

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-8 | Sampled: 10/14/2011 09:50

Sample ID: 11J0526-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.9	0.010	mg/L	1		SW-846 6010C	10/18/11	10/19/11 18:38	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Bromoform	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Carbon Disulfide	ND	0.026	mg/Kg dry	1	R-05	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Chloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Diethyl Ether	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 11:19	MFF

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Methylene Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Naphthalene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/17/11	10/17/11 11:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		10/17/11 11:19
Toluene-d8	102	70-130		10/17/11 11:19
4-Bromofluorobenzene	93.6	70-130		10/17/11 11:19

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Acenaphthylene	ND	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Acetophenone	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Aniline	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Anthracene	0.51	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Benzo(a)anthracene	1.3	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Benzo(a)pyrene	1.2	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Benzo(b)fluoranthene	1.5	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Benzo(g,h,i)perylene	0.45	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Benzo(k)fluoranthene	0.60	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Bis(2-chloroethoxy)methane	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Bis(2-chloroethyl)ether	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Bis(2-chloroisopropyl)ether	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Bis(2-Ethylhexyl)phthalate	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
4-Bromophenylphenylether	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Butylbenzylphthalate	ND	1.6	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
4-Chloroaniline	ND	1.6	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2-Chloronaphthalene	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2-Chlorophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Chrysene	1.5	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Dibenz(a,h)anthracene	ND	0.41	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Dibenzofuran	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Di-n-butylphthalate	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
1,2-Dichlorobenzene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
1,3-Dichlorobenzene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
1,4-Dichlorobenzene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
3,3-Dichlorobenzidine	ND	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4-Dichlorophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Diethylphthalate	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4-Dimethylphenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Dimethylphthalate	ND	1.6	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	2	V-19	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4-Dinitrotoluene	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,6-Dinitrotoluene	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Di-n-octylphthalate	ND	1.6	mg/Kg dry	2	RL-08	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Fluoranthene	3.1	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Fluorene	ND	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Hexachlorobenzene	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Hexachlorobutadiene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Hexachloroethane	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Indeno(1,2,3-cd)pyrene	0.46	0.41	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Isophorone	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

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	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2-Methylphenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
3/4-Methylphenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Naphthalene	ND	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Nitrobenzene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2-Nitrophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
4-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Pentachlorophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Phenanthrene	2.3	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Phenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
Pyrene	1.8	0.41	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
1,2,4-Trichlorobenzene	ND	0.82	mg/Kg dry	2	R-05	SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4,5-Trichlorophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC
2,4,6-Trichlorophenol	ND	0.82	mg/Kg dry	2		SW-846 8270D	10/15/11	10/19/11 20:55	MJC

Surrogates	% Recovery		Recovery Limits	Flag	
2-Fluorophenol	43.4		30-130		10/19/11 20:55
Phenol-d6	47.7		30-130		10/19/11 20:55
Nitrobenzene-d5	44.0		30-130		10/19/11 20:55
2-Fluorobiphenyl	55.2		30-130		10/19/11 20:55
2,4,6-Tribromophenol	**29.5**	*	30-130	S-07	10/19/11 20:55
Terphenyl-d14	32.2		30-130		10/19/11 20:55

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

Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
alpha-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
beta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
delta-BHC [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
gamma-BHC (Lindane) [1]	ND	0.048	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Chlordane [1]	ND	0.48	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
4,4'-DDD [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
4,4'-DDE [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
4,4'-DDT [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Dieldrin [1]	ND	0.095	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Endosulfan I [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Endosulfan II [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Endosulfan sulfate [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Endrin [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Endrin ketone [1]	ND	0.19	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Heptachlor [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Heptachlor epoxide [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Hexachlorobenzene [1]	ND	0.12	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB
Methoxychlor [1]	ND	1.2	mg/Kg dry	20		SW-846 8081B	10/15/11	10/19/11 18:55	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.4	30-150		10/19/11 18:55
Decachlorobiphenyl [2]	81.6	30-150		10/19/11 18:55
Tetrachloro-m-xylene [1]	65.6	30-150		10/19/11 18:55
Tetrachloro-m-xylene [2]	77.9	30-150		10/19/11 18:55

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

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	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1254 [1]	0.38	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1260 [2]	0.24	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/15/11	10/17/11 15:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	82.9	30-150		10/17/11 15:18
Decachlorobiphenyl [2]	92.2	30-150		10/17/11 15:18
Tetrachloro-m-xylene [1]	87.7	30-150		10/17/11 15:18
Tetrachloro-m-xylene [2]	101	30-150		10/17/11 15:18

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

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	350	100	mg/Kg dry	10		SW-846 8100 Modified	10/15/11	10/17/11 19:04	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	66.1	40-140					10/17/11 19:04

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.1	3.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Barium	310	3.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Cadmium	3.4	0.30	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Chromium	41	0.60	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Lead	900	0.90	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Mercury	0.68	0.14	mg/Kg dry	5		SW-846 7471B	10/17/11	10/18/11 13:45	AMP
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP
Silver	0.87	0.60	mg/Kg dry	1		SW-846 6010C	10/17/11	10/17/11 21:03	OP

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/20/11	10/20/11 21:15	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @21°C	6.9		pH Units	1		SW-846 9045C	10/14/11	10/14/11 19:15	AED
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/17/11	10/17/11 12:30	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/17/11	10/17/11 13:30	SBP
Specific conductance	8.9	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	83.1		% Wt	1		SM 2540G	10/16/11	10/17/11 13:42	WAL

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Project Location: New Bedford NBHS | Sample Description: | Work Order: 11J0526

Date Received: 10/14/2011

Field Sample #: STKP-D3-9 | Sampled: 10/14/2011 10:45

Sample ID: 11J0526-05

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.1	0.010	mg/L	1		SW-846 6010C	10/18/11	10/19/11 18:44	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11J0526-01 [STKP-D3-5]	B039219	10/16/11
11J0526-02 [STKP-D3-6]	B039219	10/16/11
11J0526-03 [STKP-D3-7]	B039219	10/16/11
11J0526-04 [STKP-D3-8]	B039219	10/16/11
11J0526-05 [STKP-D3-9]	B039219	10/16/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11J0526-01 [STKP-D3-5]	B039446	1.00	10/19/11
11J0526-02 [STKP-D3-6]	B039446	1.00	10/19/11
11J0526-03 [STKP-D3-7]	B039446	1.00	10/19/11
11J0526-04 [STKP-D3-8]	B039446	1.00	10/19/11
11J0526-05 [STKP-D3-9]	B039446	1.00	10/19/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039593	50.0	50.0	10/20/11
11J0526-02 [STKP-D3-6]	B039593	50.0	50.0	10/20/11
11J0526-03 [STKP-D3-7]	B039593	50.0	50.0	10/20/11
11J0526-04 [STKP-D3-8]	B039593	50.0	50.0	10/20/11
11J0526-05 [STKP-D3-9]	B039593	50.0	50.0	10/20/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039457	50.0	50.0	10/19/11
11J0526-02 [STKP-D3-6]	B039457	50.0	50.0	10/19/11
11J0526-03 [STKP-D3-7]	B039457	50.0	50.0	10/19/11
11J0526-04 [STKP-D3-8]	B039457	50.0	50.0	10/19/11
11J0526-05 [STKP-D3-9]	B039457	50.0	50.0	10/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039225	1.00	50.0	10/17/11
11J0526-02 [STKP-D3-6]	B039225	0.999	50.0	10/17/11
11J0526-03 [STKP-D3-7]	B039225	1.01	50.0	10/17/11
11J0526-04 [STKP-D3-8]	B039225	1.00	50.0	10/17/11
11J0526-05 [STKP-D3-9]	B039225	1.01	50.0	10/17/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 10/17/2011 per SW-846 1311 in Batch B039230**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039350	50.0	50.0	10/18/11
11J0526-02 [STKP-D3-6]	B039350	50.0	50.0	10/18/11
11J0526-03 [STKP-D3-7]	B039350	50.0	50.0	10/18/11
11J0526-04 [STKP-D3-8]	B039350	50.0	50.0	10/18/11

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

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 10/17/2011 per SW-846 1311 in Batch B039230**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0526-05 [STKP-D3-9]	B039350	50.0	50.0	10/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039227	0.608	50.0	10/17/11
11J0526-02 [STKP-D3-6]	B039227	0.622	50.0	10/17/11
11J0526-03 [STKP-D3-7]	B039227	0.611	50.0	10/17/11
11J0526-04 [STKP-D3-8]	B039227	0.612	50.0	10/17/11
11J0526-05 [STKP-D3-9]	B039227	0.626	50.0	10/17/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039215	10.1	10.0	10/15/11
11J0526-02 [STKP-D3-6]	B039215	10.2	10.0	10/15/11
11J0526-03 [STKP-D3-7]	B039215	10.0	10.0	10/15/11
11J0526-04 [STKP-D3-8]	B039215	10.0	10.0	10/15/11
11J0526-05 [STKP-D3-9]	B039215	10.1	10.0	10/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039214	10.1	50.0	10/15/11
11J0526-02 [STKP-D3-6]	B039214	10.2	50.0	10/15/11
11J0526-03 [STKP-D3-7]	B039214	10.0	50.0	10/15/11
11J0526-04 [STKP-D3-8]	B039214	10.0	50.0	10/15/11
11J0526-05 [STKP-D3-9]	B039214	10.1	50.0	10/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039213	30.1	1.00	10/15/11
11J0526-02 [STKP-D3-6]	B039213	30.2	1.00	10/15/11
11J0526-03 [STKP-D3-7]	B039213	30.0	1.00	10/15/11
11J0526-04 [STKP-D3-8]	B039213	30.0	1.00	10/15/11
11J0526-05 [STKP-D3-9]	B039213	30.1	1.00	10/15/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039231	11.4	10.0	10/17/11
11J0526-02 [STKP-D3-6]	B039231	8.04	10.0	10/17/11
11J0526-03 [STKP-D3-7]	B039231	8.77	10.0	10/17/11
11J0526-04 [STKP-D3-8]	B039231	8.68	10.0	10/17/11
11J0526-05 [STKP-D3-9]	B039231	9.14	10.0	10/17/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039212	30.1	1.00	10/15/11
11J0526-02 [STKP-D3-6]	B039212	30.2	1.00	10/15/11
11J0526-03 [STKP-D3-7]	B039212	30.0	1.00	10/15/11
11J0526-04 [STKP-D3-8]	B039212	30.0	1.00	10/15/11
11J0526-05 [STKP-D3-9]	B039212	30.0	1.00	10/15/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039276	25.6	250	10/17/11
11J0526-02 [STKP-D3-6]	B039276	25.8	250	10/17/11
11J0526-03 [STKP-D3-7]	B039276	25.4	250	10/17/11
11J0526-04 [STKP-D3-8]	B039276	25.3	250	10/17/11
11J0526-05 [STKP-D3-9]	B039276	25.5	250	10/17/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0526-01 [STKP-D3-5]	B039277	25.6	250	10/17/11
11J0526-02 [STKP-D3-6]	B039277	25.8	250	10/17/11
11J0526-03 [STKP-D3-7]	B039277	25.4	250	10/17/11
11J0526-04 [STKP-D3-8]	B039277	25.3	250	10/17/11
11J0526-05 [STKP-D3-9]	B039277	25.5	250	10/17/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11J0526-01 [STKP-D3-5]	B039253	20.0	10/14/11
11J0526-02 [STKP-D3-6]	B039253	20.0	10/14/11
11J0526-03 [STKP-D3-7]	B039253	20.0	10/14/11
11J0526-04 [STKP-D3-8]	B039253	20.0	10/14/11
11J0526-05 [STKP-D3-9]	B039253	20.0	10/14/11

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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 B039231 - SW-846 5035										
Blank (B039231-BLK1)				Prepared & Analyzed: 10/17/11						
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							V-05
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.040	mg/Kg wet							R-05
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	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	0.0020	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	0.0040	mg/Kg wet							

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 B039231 - SW-846 5035											
Blank (B039231-BLK1)				Prepared & Analyzed: 10/17/11							
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	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
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							V-05	
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	*0.0522*		mg/Kg wet	0.0500		104	70-130				
Surrogate: Toluene-d8	*0.0512*		mg/Kg wet	0.0500		102	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0490*		mg/Kg wet	0.0500		98.0	70-130				
LCS (B039231-BS1)				Prepared & Analyzed: 10/17/11							
Acetone	0.196	0.10	mg/Kg wet	0.200		97.8	40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130				
Benzene	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130				
Bromochloromethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
Bromodichloromethane	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130				
Bromoform	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130			V-05	
Bromomethane	0.0138	0.010	mg/Kg wet	0.0200		68.9	40-160			L-14, V-20	†
2-Butanone (MEK)	0.200	0.040	mg/Kg wet	0.200		100	40-160			V-16	†
n-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130				
sec-Butylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130				
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0190	0.0010	mg/Kg wet	0.0200		94.8	70-130				
Carbon Disulfide	0.0187	0.040	mg/Kg wet	0.0200		93.7	70-130			R-05, V-20	
Carbon Tetrachloride	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130				
Chlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130				
Chlorodibromomethane	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130				
Chloroethane	0.0180	0.010	mg/Kg wet	0.0200		90.2	70-130				
Chloroform	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130				
Chloromethane	0.0142	0.010	mg/Kg wet	0.0200		71.1	40-160				†
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130				
4-Chlorotoluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130				
1,2-Dibromoethane (EDB)	0.0192	0.0010	mg/Kg wet	0.0200		95.8	70-130				
Dibromomethane	0.0191	0.0020	mg/Kg wet	0.0200		95.3	70-130				
1,2-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
1,4-Dichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	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 B039231 - SW-846 5035											
LCS (B039231-BS1)				Prepared & Analyzed: 10/17/11							
Dichlorodifluoromethane (Freon 12)	0.0101	0.010	mg/Kg wet	0.0200		50.4	40-160			L-14	†
1,1-Dichloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130				
1,2-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130				
1,1-Dichloroethylene	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130				
cis-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
trans-1,2-Dichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130				
1,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
1,3-Dichloropropane	0.0192	0.0010	mg/Kg wet	0.0200		96.1	70-130				
2,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,1-Dichloropropene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130				
cis-1,3-Dichloropropene	0.0195	0.0010	mg/Kg wet	0.0200		97.5	70-130				
trans-1,3-Dichloropropene	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130				
Diethyl Ether	0.0226	0.010	mg/Kg wet	0.0200		113	70-130				
Diisopropyl Ether (DIPE)	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130				
1,4-Dioxane	0.175	0.10	mg/Kg wet	0.200		87.5	40-160			V-16	†
Ethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Hexachlorobutadiene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130				
2-Hexanone (MBK)	0.172	0.020	mg/Kg wet	0.200		85.9	40-160				†
Isopropylbenzene (Cumene)	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130				
p-Isopropyltoluene (p-Cymene)	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0207	0.0040	mg/Kg wet	0.0200		103	70-130				
Methylene Chloride	0.0225	0.010	mg/Kg wet	0.0200		112	70-130				
4-Methyl-2-pentanone (MIBK)	0.172	0.020	mg/Kg wet	0.200		86.1	40-160				†
Naphthalene	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130				
n-Propylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130				
1,1,1,2-Tetrachloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130				
1,1,2,2-Tetrachloroethane	0.0178	0.0010	mg/Kg wet	0.0200		89.2	70-130				
Tetrachloroethylene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130				
Tetrahydrofuran	0.0225	0.010	mg/Kg wet	0.0200		112	70-130			V-16	
Toluene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130				
1,2,3-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130				
1,2,4-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130				
1,1,1-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130				
1,1,2-Trichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130				
Trichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130				
Trichlorofluoromethane (Freon 11)	0.0169	0.010	mg/Kg wet	0.0200		84.4	70-130				
1,2,3-Trichloropropane	0.0165	0.0020	mg/Kg wet	0.0200		82.4	70-130			V-05	
1,2,4-Trimethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130				
1,3,5-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130				
Vinyl Chloride	0.0141	0.010	mg/Kg wet	0.0200		70.4	70-130				
m+p Xylene	0.0407	0.0040	mg/Kg wet	0.0400		102	70-130				
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0532*		mg/Kg wet	0.0500		106	70-130				
Surrogate: Toluene-d8	*0.0516*		mg/Kg wet	0.0500		103	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0502*		mg/Kg wet	0.0500		100	70-130				

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 B039231 - SW-846 5035													
LCS Dup (B039231-BSD1)				Prepared & Analyzed: 10/17/11									
Acetone	0.169	0.10	mg/Kg wet	0.200		84.7		40-160	14.4		20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0203	0.0010	mg/Kg wet	0.0200		101		70-130	2.15		20		
Benzene	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130	0.708		20		
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8		70-130	2.25		20		
Bromochloromethane	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130	3.77		20		
Bromodichloromethane	0.0178	0.0020	mg/Kg wet	0.0200		88.9		70-130	0.564		20		
Bromoform	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130	6.24		20	V-05	
Bromomethane	0.0146	0.010	mg/Kg wet	0.0200		73.2		40-160	6.05		20	V-20	†
2-Butanone (MEK)	0.186	0.040	mg/Kg wet	0.200		93.0		40-160	7.20		20	V-16	†
n-Butylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	2.11		20		
sec-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130	3.35		20		
tert-Butylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	4.07		20		
tert-Butyl Ethyl Ether (TBEE)	0.0189	0.0010	mg/Kg wet	0.0200		94.6		70-130	0.211		20		
Carbon Disulfide	0.0310	0.040	mg/Kg wet	0.0200		**155**	*	70-130	**49.2**	*	20	V-20, L-07A, R-05	
Carbon Tetrachloride	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	6.27		20		
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100		70-130	2.52		20		
Chlorodibromomethane	0.0187	0.0010	mg/Kg wet	0.0200		93.7		70-130	1.07		20		
Chloroethane	0.0200	0.010	mg/Kg wet	0.0200		100		70-130	10.5		20		
Chloroform	0.0216	0.0040	mg/Kg wet	0.0200		108		70-130	0.744		20		
Chloromethane	0.0143	0.010	mg/Kg wet	0.0200		71.3		40-160	0.281		20		†
2-Chlorotoluene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	4.76		20		
4-Chlorotoluene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	2.33		20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0171	0.0020	mg/Kg wet	0.0200		85.3		70-130	1.51		20		
1,2-Dibromoethane (EDB)	0.0192	0.0010	mg/Kg wet	0.0200		96.2		70-130	0.417		20		
Dibromomethane	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130	2.98		20		
1,2-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103		70-130	3.25		20		
1,3-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1		70-130	0.913		20		
1,4-Dichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7		70-130	2.88		20		
Dichlorodifluoromethane (Freon 12)	0.0107	0.010	mg/Kg wet	0.0200		53.4		40-160	5.78		20	L-14	†
1,1-Dichloroethane	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	3.95		20		
1,2-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.4		70-130	6.79		20		
1,1-Dichloroethylene	0.0210	0.0040	mg/Kg wet	0.0200		105		70-130	1.06		20		
cis-1,2-Dichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		109		70-130	4.52		20		
trans-1,2-Dichloroethylene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	2.13		20		
1,2-Dichloropropane	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	3.85		20		
1,3-Dichloropropane	0.0190	0.0010	mg/Kg wet	0.0200		95.2		70-130	0.941		20		
2,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	1.95		20		
1,1-Dichloropropene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130	3.51		20		
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.4		70-130	1.93		20		
trans-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		103		70-130	2.26		20		
Diethyl Ether	0.0216	0.010	mg/Kg wet	0.0200		108		70-130	4.53		20		
Diisopropyl Ether (DIPE)	0.0204	0.0010	mg/Kg wet	0.0200		102		70-130	2.81		20		
1,4-Dioxane	0.174	0.10	mg/Kg wet	0.200		87.0		40-160	0.550		20	V-16	†
Ethylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	5.63		20		
Hexachlorobutadiene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	5.76		20		
2-Hexanone (MBK)	0.170	0.020	mg/Kg wet	0.200		85.1		40-160	0.948		20		†
Isopropylbenzene (Cumene)	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130	6.19		20		
p-Isopropyltoluene (p-Cymene)	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.98		20		
Methyl tert-Butyl Ether (MTBE)	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130	2.25		20		
Methylene Chloride	0.0230	0.010	mg/Kg wet	0.0200		115		70-130	2.29		20		
4-Methyl-2-pentanone (MIBK)	0.174	0.020	mg/Kg wet	0.200		87.1		40-160	1.19		20		†
Naphthalene	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130	0.396		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 B039231 - SW-846 5035										
LCS Dup (B039231-BSD1)				Prepared & Analyzed: 10/17/11						
n-Propylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	5.16	20	
Styrene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	3.32	20	
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	4.15	20	
1,1,2,2-Tetrachloroethane	0.0183	0.0010	mg/Kg wet	0.0200		91.7	70-130	2.76	20	
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	6.70	20	
Tetrahydrofuran	0.0189	0.010	mg/Kg wet	0.0200		94.4	70-130	17.4	20	V-16
Toluene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.68	20	
1,2,3-Trichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	0.698	20	
1,2,4-Trichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130	2.64	20	
1,1,1-Trichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.13	20	
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130	1.15	20	
Trichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	4.21	20	
Trichlorofluoromethane (Freon 11)	0.0181	0.010	mg/Kg wet	0.0200		90.6	70-130	7.09	20	
1,2,3-Trichloropropane	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130	3.93	20	V-05
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	2.88	20	
1,3,5-Trimethylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.79	20	
Vinyl Chloride	0.0150	0.010	mg/Kg wet	0.0200		74.8	70-130	6.06	20	
m+p Xylene	0.0426	0.0040	mg/Kg wet	0.0400		106	70-130	4.42	20	
o-Xylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	1.74	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0520*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0519*		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0505*		mg/Kg wet	0.0500		101	70-130			

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 B039212 - SW-846 3546										
Blank (B039212-BLK1)				Prepared: 10/15/11 Analyzed: 10/17/11						
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							R-05
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							R-05
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							R-05
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							R-05
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							R-05
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-19
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							R-05
Hexachloroethane	ND	0.34	mg/Kg wet							R-05
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							R-05
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							R-05
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 B039212 - SW-846 3546											
Blank (B039212-BLK1)				Prepared: 10/15/11 Analyzed: 10/17/11							
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							R-05	
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*6.16*		mg/Kg wet	6.67		92.4	30-130				
Surrogate: Phenol-d6	*5.97*		mg/Kg wet	6.67		89.6	30-130				
Surrogate: Nitrobenzene-d5	*2.80*		mg/Kg wet	3.33		84.0	30-130				
Surrogate: 2-Fluorobiphenyl	*2.85*		mg/Kg wet	3.33		85.6	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.61*		mg/Kg wet	6.67		99.2	30-130				
Surrogate: Terphenyl-d14	*3.90*		mg/Kg wet	3.33		117	30-130				
LCS (B039212-BS1)				Prepared: 10/15/11 Analyzed: 10/17/11							
Acenaphthene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140				
Acenaphthylene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140				
Acetophenone	1.23	0.34	mg/Kg wet	1.67		74.0	40-140				
Aniline	0.905	0.34	mg/Kg wet	1.67		54.3	40-140				
Anthracene	1.35	0.17	mg/Kg wet	1.67		81.2	40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		81.2	40-140				
Benzo(a)pyrene	1.41	0.17	mg/Kg wet	1.67		84.6	40-140				
Benzo(b)fluoranthene	1.33	0.17	mg/Kg wet	1.67		79.8	40-140				
Benzo(g,h,i)perylene	1.26	0.17	mg/Kg wet	1.67		75.9	40-140			R-05	
Benzo(k)fluoranthene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140				
Bis(2-chloroethoxy)methane	1.19	0.34	mg/Kg wet	1.67		71.4	40-140				
Bis(2-chloroethyl)ether	1.12	0.34	mg/Kg wet	1.67		67.3	40-140				
Bis(2-chloroisopropyl)ether	1.10	0.34	mg/Kg wet	1.67		65.9	40-140				
Bis(2-Ethylhexyl)phthalate	1.44	0.34	mg/Kg wet	1.67		86.3	40-140				
4-Bromophenylphenylether	1.38	0.34	mg/Kg wet	1.67		82.8	40-140				
Butylbenzylphthalate	1.41	0.66	mg/Kg wet	1.67		84.6	40-140				
4-Chloroaniline	0.733	0.66	mg/Kg wet	1.67		44.0	15-140				†
2-Chloronaphthalene	0.990	0.34	mg/Kg wet	1.67		59.4	40-140				
2-Chlorophenol	1.18	0.34	mg/Kg wet	1.67		70.8	30-130				
Chrysene	1.40	0.17	mg/Kg wet	1.67		84.0	40-140				
Dibenz(a,h)anthracene	1.37	0.17	mg/Kg wet	1.67		82.1	40-140			R-05	
Dibenzofuran	1.20	0.34	mg/Kg wet	1.67		72.0	40-140				
Di-n-butylphthalate	1.25	0.34	mg/Kg wet	1.67		74.9	40-140				
1,2-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.5	40-140			R-05	
1,3-Dichlorobenzene	0.991	0.34	mg/Kg wet	1.67		59.5	40-140			R-05	
1,4-Dichlorobenzene	0.989	0.34	mg/Kg wet	1.67		59.3	40-140			R-05	
3,3-Dichlorobenzidine	1.11	0.17	mg/Kg wet	1.67		66.6	40-140				
2,4-Dichlorophenol	1.25	0.34	mg/Kg wet	1.67		74.8	30-130				
Diethylphthalate	1.26	0.34	mg/Kg wet	1.67		75.7	40-140				
2,4-Dimethylphenol	1.21	0.34	mg/Kg wet	1.67		72.3	30-130				
Dimethylphthalate	1.27	0.66	mg/Kg wet	1.67		76.0	40-140				
2,4-Dinitrophenol	1.20	0.66	mg/Kg wet	1.67		71.8	15-140			V-19	†
2,4-Dinitrotoluene	1.18	0.34	mg/Kg wet	1.67		70.8	40-140				
2,6-Dinitrotoluene	1.24	0.34	mg/Kg wet	1.67		74.7	40-140				
Di-n-octylphthalate	1.18	0.66	mg/Kg wet	1.67		71.0	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.50	0.34	mg/Kg wet	1.67		90.0	40-140				
Fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.6	40-140				
Fluorene	1.26	0.17	mg/Kg wet	1.67		75.7	40-140				
Hexachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140				

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 B039212 - SW-846 3546												
LCS (B039212-BS1)				Prepared: 10/15/11 Analyzed: 10/17/11								
Hexachlorobutadiene	0.968	0.34	mg/Kg wet	1.67		58.1	40-140				R-05	
Hexachloroethane	1.01	0.34	mg/Kg wet	1.67		60.7	40-140				R-05	
Indeno(1,2,3-cd)pyrene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140				R-05	
Isophorone	1.21	0.34	mg/Kg wet	1.67		72.7	40-140					
2-Methylnaphthalene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140					
2-Methylphenol	1.23	0.34	mg/Kg wet	1.67		73.9	30-130					
3/4-Methylphenol	1.80	0.34	mg/Kg wet	1.67		108	30-130					
Naphthalene	1.09	0.17	mg/Kg wet	1.67		65.3	40-140					
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140				R-05	
2-Nitrophenol	1.11	0.34	mg/Kg wet	1.67		66.7	30-130					
4-Nitrophenol	1.33	0.66	mg/Kg wet	1.67		79.6	15-140					†
Pentachlorophenol	1.26	0.34	mg/Kg wet	1.67		75.8	30-130					
Phenanthrene	1.36	0.17	mg/Kg wet	1.67		81.8	40-140					
Phenol	1.32	0.34	mg/Kg wet	1.67		79.0	15-140					†
Pyrene	1.40	0.17	mg/Kg wet	1.67		83.7	40-140					
1,2,4-Trichlorobenzene	1.05	0.34	mg/Kg wet	1.67		62.9	40-140				R-05	
2,4,5-Trichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.7	30-130					
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		74.0	30-130					
Surrogate: 2-Fluorophenol	*4.80*		mg/Kg wet	6.67		72.0	30-130					
Surrogate: Phenol-d6	*5.35*		mg/Kg wet	6.67		80.2	30-130					
Surrogate: Nitrobenzene-d5	*2.36*		mg/Kg wet	3.33		70.9	30-130					
Surrogate: 2-Fluorobiphenyl	*2.49*		mg/Kg wet	3.33		74.8	30-130					
Surrogate: 2,4,6-Tribromophenol	*5.83*		mg/Kg wet	6.67		87.5	30-130					
Surrogate: Terphenyl-d14	*2.97*		mg/Kg wet	3.33		89.1	30-130					
LCS Dup (B039212-BSD1)				Prepared: 10/15/11 Analyzed: 10/17/11								
Acenaphthene	1.58	0.17	mg/Kg wet	1.67		94.7	40-140	25.5		30		
Acenaphthylene	1.51	0.17	mg/Kg wet	1.67		90.4	40-140	24.1		30		
Acetophenone	1.48	0.34	mg/Kg wet	1.67		88.8	40-140	18.2		30		
Aniline	0.960	0.34	mg/Kg wet	1.67		57.6	40-140	5.90		30		
Anthracene	1.59	0.17	mg/Kg wet	1.67		95.6	40-140	16.3		30		
Benzo(a)anthracene	1.59	0.17	mg/Kg wet	1.67		95.1	40-140	15.9		30		
Benzo(a)pyrene	1.65	0.17	mg/Kg wet	1.67		98.9	40-140	15.6		30		
Benzo(b)fluoranthene	1.60	0.17	mg/Kg wet	1.67		95.9	40-140	18.4		30		
Benzo(g,h,i)perylene	1.76	0.17	mg/Kg wet	1.67		105	40-140	**32.5**	*	30	R-05	
Benzo(k)fluoranthene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140	12.5		30		
Bis(2-chloroethoxy)methane	1.48	0.34	mg/Kg wet	1.67		89.0	40-140	21.9		30		
Bis(2-chloroethyl)ether	1.48	0.34	mg/Kg wet	1.67		88.9	40-140	27.6		30		
Bis(2-chloroisopropyl)ether	1.37	0.34	mg/Kg wet	1.67		82.5	40-140	22.3		30		
Bis(2-Ethylhexyl)phthalate	1.65	0.34	mg/Kg wet	1.67		99.2	40-140	13.9		30		
4-Bromophenylphenylether	1.56	0.34	mg/Kg wet	1.67		93.7	40-140	12.3		30		
Butylbenzylphthalate	1.65	0.66	mg/Kg wet	1.67		99.1	40-140	15.8		30		
4-Chloroaniline	0.669	0.66	mg/Kg wet	1.67		40.1	15-140	9.08		30		†
2-Chloronaphthalene	1.33	0.34	mg/Kg wet	1.67		79.7	40-140	29.2		30		
2-Chlorophenol	1.51	0.34	mg/Kg wet	1.67		90.7	30-130	24.6		30		
Chrysene	1.65	0.17	mg/Kg wet	1.67		99.1	40-140	16.5		30		
Dibenz(a,h)anthracene	1.86	0.17	mg/Kg wet	1.67		111	40-140	**30.2**	*	30	R-05	
Dibenzofuran	1.52	0.34	mg/Kg wet	1.67		91.1	40-140	23.3		30		
Di-n-butylphthalate	1.51	0.34	mg/Kg wet	1.67		90.6	40-140	18.9		30		
1,2-Dichlorobenzene	1.41	0.34	mg/Kg wet	1.67		84.5	40-140	**31.5**	*	30	R-05	
1,3-Dichlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.6	40-140	**30.2**	*	30	R-05	
1,4-Dichlorobenzene	1.37	0.34	mg/Kg wet	1.67		82.4	40-140	**32.6**	*	30	R-05	

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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 B039212 - SW-846 3546												
LCS Dup (B039212-BSD1)				Prepared: 10/15/11 Analyzed: 10/17/11								
3,3-Dichlorobenzidine	1.19	0.17	mg/Kg wet	1.67		71.4	40-140	6.99		30		
2,4-Dichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.5	30-130	19.1		30		
Diethylphthalate	1.46	0.34	mg/Kg wet	1.67		87.5	40-140	14.4		30		
2,4-Dimethylphenol	1.47	0.34	mg/Kg wet	1.67		88.3	30-130	19.9		30		
Dimethylphthalate	1.51	0.66	mg/Kg wet	1.67		90.7	40-140	17.7		30		
2,4-Dinitrophenol	1.45	0.66	mg/Kg wet	1.67		87.2	15-140	19.4		30	V-19	†
2,4-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.6	40-140	19.0		30		
2,6-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		86.1	40-140	14.2		30		
Di-n-octylphthalate	1.38	0.66	mg/Kg wet	1.67		82.7	40-140	15.2		30		
1,2-Diphenylhydrazine (as Azobenzene)	1.71	0.34	mg/Kg wet	1.67		102	40-140	12.9		30		
Fluoranthene	1.52	0.17	mg/Kg wet	1.67		91.1	40-140	25.3		30		
Fluorene	1.59	0.17	mg/Kg wet	1.67		95.6	40-140	23.2		30		
Hexachlorobenzene	1.50	0.34	mg/Kg wet	1.67		89.9	40-140	13.6		30		
Hexachlorobutadiene	1.37	0.34	mg/Kg wet	1.67		82.1	40-140	**34.3**	*	30	R-05	
Hexachloroethane	1.39	0.34	mg/Kg wet	1.67		83.4	40-140	**31.5**	*	30	R-05	
Indeno(1,2,3-cd)pyrene	1.76	0.17	mg/Kg wet	1.67		106	40-140	**30.3**	*	30	R-05	
Isophorone	1.53	0.34	mg/Kg wet	1.67		91.6	40-140	23.0		30		
2-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.9	40-140	21.8		30		
2-Methylphenol	1.39	0.34	mg/Kg wet	1.67		83.6	30-130	12.3		30		
3/4-Methylphenol	1.95	0.34	mg/Kg wet	1.67		117	30-130	8.06		30		
Naphthalene	1.42	0.17	mg/Kg wet	1.67		85.0	40-140	26.3		30		
Nitrobenzene	1.47	0.34	mg/Kg wet	1.67		88.3	40-140	**31.1**	*	30	R-05	
2-Nitrophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130	26.2		30		
4-Nitrophenol	1.64	0.66	mg/Kg wet	1.67		98.1	15-140	20.9		30		†
Pentachlorophenol	1.55	0.34	mg/Kg wet	1.67		93.0	30-130	20.4		30		
Phenanthrene	1.62	0.17	mg/Kg wet	1.67		97.4	40-140	17.3		30		
Phenol	1.60	0.34	mg/Kg wet	1.67		96.0	15-140	19.5		30		†
Pyrene	1.66	0.17	mg/Kg wet	1.67		99.8	40-140	17.5		30		
1,2,4-Trichlorobenzene	1.46	0.34	mg/Kg wet	1.67		87.9	40-140	**33.2**	*	30	R-05	
2,4,5-Trichlorophenol	1.56	0.34	mg/Kg wet	1.67		93.6	30-130	19.9		30		
2,4,6-Trichlorophenol	1.64	0.34	mg/Kg wet	1.67		98.6	30-130	28.6		30		
Surrogate: 2-Fluorophenol	*6.43*		mg/Kg wet	6.67		96.5	30-130					
Surrogate: Phenol-d6	*6.38*		mg/Kg wet	6.67		95.7	30-130					
Surrogate: Nitrobenzene-d5	*3.22*		mg/Kg wet	3.33		96.5	30-130					
Surrogate: 2-Fluorobiphenyl	*3.25*		mg/Kg wet	3.33		97.6	30-130					
Surrogate: 2,4,6-Tribromophenol	*7.08*		mg/Kg wet	6.67		106	30-130					
Surrogate: Terphenyl-d14	*3.64*		mg/Kg wet	3.33		109	30-130					

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039215 - SW-846 3546										
Blank (B039215-BLK1)				Prepared: 10/15/11 Analyzed: 10/18/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.178*		mg/Kg wet	0.200		89.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		95.9	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039215 - SW-846 3546										
LCS (B039215-BS1)				Prepared: 10/15/11 Analyzed: 10/18/11						
Aldrin	0.026	0.0050	mg/Kg wet	0.0200		129	40-140			
Aldrin [2C]	0.026	0.0050	mg/Kg wet	0.0200		128	40-140			
alpha-BHC	0.027	0.0050	mg/Kg wet	0.0200		134	40-140			
alpha-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
beta-BHC	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
beta-BHC [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
delta-BHC	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
delta-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
gamma-BHC (Lindane)	0.025	0.0020	mg/Kg wet	0.0200		125	40-140			
gamma-BHC (Lindane) [2C]	0.024	0.0020	mg/Kg wet	0.0200		122	40-140			
4,4'-DDD	0.025	0.0040	mg/Kg wet	0.0200		126	40-140			
4,4'-DDD [2C]	0.025	0.0040	mg/Kg wet	0.0200		126	40-140			
4,4'-DDE	0.025	0.0040	mg/Kg wet	0.0200		127	40-140			
4,4'-DDE [2C]	0.025	0.0040	mg/Kg wet	0.0200		126	40-140			
4,4'-DDT	0.024	0.0040	mg/Kg wet	0.0200		121	40-140			
4,4'-DDT [2C]	0.022	0.0040	mg/Kg wet	0.0200		111	40-140			
Dieldrin	0.026	0.0040	mg/Kg wet	0.0200		129	40-140			
Dieldrin [2C]	0.024	0.0040	mg/Kg wet	0.0200		122	40-140			
Endosulfan I	0.026	0.0050	mg/Kg wet	0.0200		128	40-140			
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		126	40-140			
Endosulfan II	0.025	0.0080	mg/Kg wet	0.0200		123	40-140			
Endosulfan II [2C]	0.024	0.0080	mg/Kg wet	0.0200		122	40-140			
Endosulfan Sulfate	0.025	0.0080	mg/Kg wet	0.0200		124	40-140			
Endosulfan Sulfate [2C]	0.025	0.0080	mg/Kg wet	0.0200		123	40-140			
Endrin	0.026	0.0080	mg/Kg wet	0.0200		129	40-140			
Endrin [2C]	0.025	0.0080	mg/Kg wet	0.0200		126	40-140			
Endrin Ketone	0.024	0.0080	mg/Kg wet	0.0200		118	40-140			
Endrin Ketone [2C]	0.023	0.0080	mg/Kg wet	0.0200		116	40-140			
Heptachlor	0.025	0.0050	mg/Kg wet	0.0200		125	40-140			
Heptachlor [2C]	0.025	0.0050	mg/Kg wet	0.0200		123	40-140			
Heptachlor Epoxide	0.025	0.0050	mg/Kg wet	0.0200		127	40-140			
Heptachlor Epoxide [2C]	0.025	0.0050	mg/Kg wet	0.0200		124	40-140			
Hexachlorobenzene	0.026	0.0050	mg/Kg wet	0.0200		130	40-140			
Hexachlorobenzene [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140			
Methoxychlor	0.025	0.050	mg/Kg wet	0.0200		124	40-140			
Methoxychlor [2C]	0.024	0.050	mg/Kg wet	0.0200		122	40-140			
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg wet	0.200		95.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.198*		mg/Kg wet	0.200		98.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
LCS Dup (B039215-BSD1)				Prepared: 10/15/11 Analyzed: 10/18/11						
Aldrin	0.024	0.0050	mg/Kg wet	0.0200		121	40-140	6.04	30	
Aldrin [2C]	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	6.16	30	
alpha-BHC	0.025	0.0050	mg/Kg wet	0.0200		126	40-140	6.09	30	
alpha-BHC [2C]	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	6.02	30	
beta-BHC	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	5.65	30	
beta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	5.62	30	
delta-BHC	0.024	0.0050	mg/Kg wet	0.0200		118	40-140	5.69	30	
delta-BHC [2C]	0.023	0.0050	mg/Kg wet	0.0200		114	40-140	6.17	30	
gamma-BHC (Lindane)	0.024	0.0020	mg/Kg wet	0.0200		118	40-140	5.86	30	
gamma-BHC (Lindane) [2C]	0.023	0.0020	mg/Kg wet	0.0200		115	40-140	5.79	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039215 - SW-846 3546										
LCS Dup (B039215-BSD1)				Prepared: 10/15/11 Analyzed: 10/18/11						
4,4'-DDD	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	5.94	30	
4,4'-DDD [2C]	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	5.27	30	
4,4'-DDE	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	6.41	30	
4,4'-DDE [2C]	0.024	0.0040	mg/Kg wet	0.0200		119	40-140	6.04	30	
4,4'-DDT	0.023	0.0040	mg/Kg wet	0.0200		114	40-140	5.64	30	
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		105	40-140	5.22	30	
Dieldrin	0.024	0.0040	mg/Kg wet	0.0200		121	40-140	5.92	30	
Dieldrin [2C]	0.023	0.0040	mg/Kg wet	0.0200		115	40-140	5.74	30	
Endosulfan I	0.026	0.0050	mg/Kg wet	0.0200		128	40-140	0.0235	30	
Endosulfan I [2C]	0.025	0.0050	mg/Kg wet	0.0200		125	40-140	0.418	30	
Endosulfan II	0.023	0.0080	mg/Kg wet	0.0200		116	40-140	5.92	30	
Endosulfan II [2C]	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	5.74	30	
Endosulfan Sulfate	0.023	0.0080	mg/Kg wet	0.0200		117	40-140	5.68	30	
Endosulfan Sulfate [2C]	0.023	0.0080	mg/Kg wet	0.0200		117	40-140	5.63	30	
Endrin	0.024	0.0080	mg/Kg wet	0.0200		121	40-140	5.93	30	
Endrin [2C]	0.024	0.0080	mg/Kg wet	0.0200		119	40-140	5.62	30	
Endrin Ketone	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	5.49	30	
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		110	40-140	5.29	30	
Heptachlor	0.024	0.0050	mg/Kg wet	0.0200		119	40-140	5.51	30	
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		116	40-140	6.04	30	
Heptachlor Epoxide	0.024	0.0050	mg/Kg wet	0.0200		120	40-140	6.01	30	
Heptachlor Epoxide [2C]	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	5.91	30	
Hexachlorobenzene	0.025	0.0050	mg/Kg wet	0.0200		123	40-140	5.57	30	
Hexachlorobenzene [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	5.94	30	
Methoxychlor	0.024	0.050	mg/Kg wet	0.0200		118	40-140	5.10	30	
Methoxychlor [2C]	0.023	0.050	mg/Kg wet	0.0200		115	40-140	5.58	30	
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			

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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 B039214 - SW-846 3546										
Blank (B039214-BLK1)				Prepared: 10/15/11 Analyzed: 10/17/11						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.180*		mg/Kg wet	0.200		89.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg wet	0.200		96.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg wet	0.200		105	30-150			
LCS (B039214-BS1)				Prepared: 10/15/11 Analyzed: 10/17/11						
Aroclor-1016	0.24	0.10	mg/Kg wet	0.200		119	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		112	40-140			
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140			
Surrogate: Decachlorobiphenyl	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.242*		mg/Kg wet	0.200		121	30-150			
Surrogate: Tetrachloro-m-xylene	*0.229*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.242*		mg/Kg wet	0.200		121	30-150			
LCS Dup (B039214-BSD1)				Prepared: 10/15/11 Analyzed: 10/17/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	5.60	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140	5.58	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		105	40-140	6.45	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	6.23	30	
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg wet	0.200		97.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.217*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.228*		mg/Kg wet	0.200		114	30-150			

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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 B039214 - SW-846 3546											
Matrix Spike (B039214-MS1)	**Source: 11J0526-01**			Prepared: 10/15/11 Analyzed: 10/17/11							
Aroclor-1016	0.26	0.11	mg/Kg dry	0.228	ND	115		40-140			
Aroclor-1016 [2C]	0.35	0.11	mg/Kg dry	0.228	ND	**153**	*	40-140			MS-21
Aroclor-1260	0.42	0.11	mg/Kg dry	0.228	ND	**185**	*	40-140			MS-21
Aroclor-1260 [2C]	0.46	0.11	mg/Kg dry	0.228	ND	**201**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg dry	0.228		91.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.226*		mg/Kg dry	0.228		99.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.230*		mg/Kg dry	0.228		101		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.239*		mg/Kg dry	0.228		105		30-150			
Matrix Spike Dup (B039214-MSD1)	**Source: 11J0526-01**			Prepared: 10/15/11 Analyzed: 10/17/11							
Aroclor-1016	0.30	0.11	mg/Kg dry	0.228	ND	130		40-140	12.2	50	
Aroclor-1016 [2C]	0.36	0.11	mg/Kg dry	0.228	ND	**157**	*	40-140	2.52	50	MS-21
Aroclor-1260	0.48	0.11	mg/Kg dry	0.228	ND	**210**	*	40-140	13.0	50	MS-21
Aroclor-1260 [2C]	0.52	0.11	mg/Kg dry	0.228	ND	**229**	*	40-140	13.2	50	MS-21
Surrogate: Decachlorobiphenyl	*0.222*		mg/Kg dry	0.228		97.3		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.244*		mg/Kg dry	0.228		107		30-150			
Surrogate: Tetrachloro-m-xylene	*0.232*		mg/Kg dry	0.228		102		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.241*		mg/Kg dry	0.228		106		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 B039213 - SW-846 3546											
Blank (B039213-BLK1)				Prepared: 10/15/11 Analyzed: 10/17/11							
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet								
Surrogate: o-Terphenyl	*2.81*		mg/Kg wet	3.33		84.3		40-140			
LCS (B039213-BS1)				Prepared: 10/15/11 Analyzed: 10/17/11							
TPH C9-C36 Hydrocarbons as Diesel	26.7	8.3	mg/Kg wet	33.3		80.0		40-140			
Surrogate: o-Terphenyl	*2.77*		mg/Kg wet	3.33		83.0		40-140			
LCS Dup (B039213-BSD1)				Prepared: 10/15/11 Analyzed: 10/17/11							
TPH C9-C36 Hydrocarbons as Diesel	29.9	8.3	mg/Kg wet	33.3		89.8		40-140	11.5	30	
Surrogate: o-Terphenyl	*3.04*		mg/Kg wet	3.33		91.2		40-140			
Matrix Spike (B039213-MS1)	**Source: 11J0526-02**			Prepared: 10/15/11 Analyzed: 10/17/11							
TPH C9-C36 Hydrocarbons as Diesel	250	48	mg/Kg dry	38.3	160	**236**	*	40-140			MS-19
Surrogate: o-Terphenyl	*3.03*		mg/Kg dry	3.83		79.2		40-140			
Matrix Spike Dup (B039213-MSD1)	**Source: 11J0526-02**			Prepared: 10/15/11 Analyzed: 10/17/11							
TPH C9-C36 Hydrocarbons as Diesel	287	48	mg/Kg dry	38.3	160	**332**	*	40-140	13.7	30	MS-19
Surrogate: o-Terphenyl	*3.42*		mg/Kg dry	3.83		89.4		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 B039225 - SW-846 3050B											
Blank (B039225-BLK1)				Prepared & Analyzed: 10/17/11							
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	2.5	mg/Kg wet								
Silver	ND	0.50	mg/Kg wet								
LCS (B039225-BS1)				Prepared & Analyzed: 10/17/11							
Arsenic	117	5.1	mg/Kg wet	109		107		83.2-117.4			
Barium	223	5.1	mg/Kg wet	206		108		83.1-116.9			
Cadmium	83.2	0.51	mg/Kg wet	80.2		104		80.7-119.1			
Chromium	128	1.0	mg/Kg wet	117		109		80.6-119.9			
Lead	92.8	1.5	mg/Kg wet	76.2		**122**	*	78.9-121.1			L-07
Selenium	131	10	mg/Kg wet	127		103		79.2-120.3			
Silver	44.1	1.0	mg/Kg wet	41.0		108		66.3-133.7			
LCS (B039225-BS2)				Prepared & Analyzed: 10/17/11							
Lead	0.758	0.75	mg/Kg wet	0.752		101		80-120			
LCS Dup (B039225-BSD1)				Prepared & Analyzed: 10/17/11							
Arsenic	117	5.0	mg/Kg wet	109		107		83.2-117.4	0.163	30	
Barium	208	5.0	mg/Kg wet	206		101		83.1-116.9	6.96	30	
Cadmium	83.4	0.50	mg/Kg wet	80.2		104		80.7-119.1	0.346	30	
Chromium	120	1.0	mg/Kg wet	117		103		80.6-119.9	6.26	30	
Lead	72.6	1.5	mg/Kg wet	76.2		95.2		78.9-121.1	24.4	30	
Selenium	131	10	mg/Kg wet	127		103		79.2-120.3	0.00740	30	
Silver	42.4	1.0	mg/Kg wet	41.0		104		66.3-133.7	3.90	30	
Batch B039227 - SW-846 7471											
Blank (B039227-BLK1)				Prepared: 10/17/11 Analyzed: 10/18/11							
Mercury	ND	0.025	mg/Kg wet								
LCS (B039227-BS1)				Prepared: 10/17/11 Analyzed: 10/18/11							
Mercury	1.38	0.091	mg/Kg wet	1.25		110		66-132			
LCS Dup (B039227-BSD1)				Prepared: 10/17/11 Analyzed: 10/18/11							
Mercury	1.47	0.094	mg/Kg wet	1.25		118		66-132	6.55	30	

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 B039219 - % Solids										
Duplicate (B039219-DUP4)	**Source: 11J0526-01**			Prepared: 10/16/11 Analyzed: 10/17/11						
% Solids	89.2		% Wt		87.7			1.70	20	
Batch B039276 - SW-846 9014										
Blank (B039276-BLK1)				Prepared & Analyzed: 10/17/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B039276-BS1)				Prepared & Analyzed: 10/17/11						
Reactive Cyanide	10	0.40	mg/Kg	10.0		100	0-200			
Batch B039277 - SW-846 9030A										
Blank (B039277-BLK1)				Prepared & Analyzed: 10/17/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B039277-BS1)				Prepared & Analyzed: 10/17/11						
Reactive Sulfide	12	2.0	mg/Kg	15.2		76.3	0-200			
Batch B039446 - SM18-20 2510B										
Blank (B039446-BLK1)				Prepared & Analyzed: 10/19/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B039446-BS1)				Prepared & Analyzed: 10/19/11						
Specific conductance	140	2.0	µmhos/cm	147		97.0	78.2-106			
Duplicate (B039446-DUP1)	**Source: 11J0526-04**			Prepared & Analyzed: 10/19/11						
Specific conductance	6.1	2.0	µmhos/cm		6.5			6.20	19.1	
Batch B039593 - SW-846 1010										
Blank (B039593-BLK1)				Prepared & Analyzed: 10/20/11						
Flashpoint	> 212 °F		°F							
LCS (B039593-BS1)				Prepared & Analyzed: 10/20/11						
Flashpoint	82		°F	81.0		101	98.8-101			
LCS Dup (B039593-BSD1)				Prepared & Analyzed: 10/20/11						
Flashpoint	82		°F	81.0		101	98.8-101	0.00	1.57	

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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 B039350 - SW-846 3010A										
Blank (B039350-BLK1)				Prepared: 10/18/11 Analyzed: 10/19/11						
Lead	ND	0.010	mg/L							
LCS (B039350-BS1)				Prepared: 10/18/11 Analyzed: 10/19/11						
Lead	0.432	0.010	mg/L	0.500		86.3	80-120			
LCS Dup (B039350-BSD1)				Prepared: 10/18/11 Analyzed: 10/19/11						
Lead	0.440	0.010	mg/L	0.500		87.9	80-120	1.82	20	

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BREAKDOWN REPORT

Lab Sample ID:	S001159-PEM1	Analyzed:	10/18/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	1.45
Endrin [1]	1.34

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	1.34
Endrin [2]	1.31

BREAKDOWN REPORT

Lab Sample ID:	S001173-PEM1	Analyzed:	10/19/2011

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.00
Endrin [1]	1.46

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	1.26
Endrin [2]	4.99

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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.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
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-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
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-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-08	Elevated reporting limit due to sample matrix interference. 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%.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	CT,NY,NH

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

11J0524
~~11J0256~~ MK

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East longmeadow, MA 01028

Page 1 of 1

Company Name: TRC
Address: 650 Suffolk Street
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford NGHS
Sampled By: Jeff Robinson

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

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

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

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	# of Containers	** Preservation	***Container Code	VOCs 8260	SVOCs 8270	RCRA 8 TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY, pH, CORROSIVITY	REACTIVE CYANIDE & SULFIDE	TPH BY 8100M	CONDUCTIVITY	TCLP RCRA 8 METALS (EXTRACT)
								15	5	5	5										
								M/O2	-	-	-										
								V	A[B]	G[A]	G[A]										
01	STKP-03-5	10-14	0755	✓	VOC	S	U				✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
02	STKP-03-6	10-14	0825	✓	VOC	S	U				✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
03	STKP-03-7	10-14	0915	✓	VOC	S	U				✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
04	STKP-03-8	10-14	0950	✓	VOC	S	U				✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓
05	STKP-03-9	10-14	1045	✓	VOC	S	U				✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
10-14-11 19:54 IN

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:
Jeff Robinson	10/14 2:15
Received by: (signature)	Date/Time:
[signature]	10/14/11 2:15
Relinquished by: (signature)	Date/Time:
[signature]	10/14/11 6:35
Received by: (signature) 4.4	Date/Time:
[signature]	10/14/11 1835

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: Comm. 97
Connecticut:
Other: TWRNKEY N.H

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

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: SD DATE: 10/14/11

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

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 4.4

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	10
250 mL Amber (8oz amber)	5	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5

Bisulfate _____ # DI Water 10

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 10-14-11 19:55 N

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

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

Doc# 277

Rev. 1 May 2

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11J0526
Project Location: New Bedford NBHS	RTN:

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

11J0526-01 thru 11J0526-05

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 (X)	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]
	<u>Data User Note:</u> 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: 10/21/11

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

October 25, 2011

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

Project Location: New Bedford, MA
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11J0565

Enclosed are results of analyses for samples received by the laboratory on October 17, 2011. 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: 10/25/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0565

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-10	11J0565-01	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-D3-11	11J0565-02	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/25/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0565

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-12	11J0565-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	
STKP-D3-13	11J0565-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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

REPORT DATE: 10/25/2011

PURCHASE ORDER NUMBER: 36222

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J0565

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, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STKP-D3-14	11J0565-05	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1010	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 8270D	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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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 RCRA 8 metals and TCLP lead results were requested and reported.

All samples for method 8081 required dilution due to oily matrix and PCBs present in the sample extracts.

SW-846 6010C

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Barium, Lead

11J0565-02[STKP-D3-11], B039442-MS1

SW-846 8081B

Qualifications:

Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14]

SW-846 8100 Modified

Qualifications:

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

TPH C9-C36 Hydrocarbons as Diesel

11J0565-04[STKP-D3-13], B039306-MS1, B039306-MSD1

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)

B039404-BS1, B039404-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:

1,2-Dibromo-3-chloropropane (DBCP), Hexachlorobutadiene, Isopropylbenzene (Cumene), p-Isopropyltoluene (p-Cymene)

B039328-BSD1, B039404-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:

Acetone

B039328-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, Dichlorodifluoromethane (Freon 12), Tetrahydrofuran

11J0565-01[STKP-D3-10], 11J0565-05[STKP-D3-14], B039404-BLK1, B039404-BS1, B039404-BSD1, 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], B039328-BLK1, B039328-BS1, B039328-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

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14], B039328-BLK1, B039328-BS1, B039328-BSD1, B039404-BLK1, B039404-BS1, B039404-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:

1,2-Dibromo-3-chloropropane (DBCP), Trichlorofluoromethane (Freon 11)

B039328-BS1, B039328-BSD1, B039404-BS1, B039404-BSD1

SW-846 8270D

Qualifications:

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:

3,3-Dichlorobenzidine, 3/4-Methylphenol

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14], B039304-BLK1, B039304-BS1, B039304-BSD1

Elevated reporting limit due to sample matrix interference. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14]

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:

Terphenyl-d14

B039304-BSD1

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

Analyte & Samples(s) Qualified:

3/4-Methylphenol, 4-Chloroaniline, Aniline, Pyrene

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14]

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

Analyte & Samples(s) Qualified:

4-Nitrophenol

B039304-BLK1, B039304-BS1, B039304-BSD1

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

11J0565-01[STKP-D3-10], 11J0565-02[STKP-D3-11], 11J0565-03[STKP-D3-12], 11J0565-04[STKP-D3-13], 11J0565-05[STKP-D3-14], B039304-BLK1, B039304-BS1, B039304-BSD1

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SW-846 8100 Modified

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

SW-846 8260C

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 8270D

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

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Bromomethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Carbon Disulfide	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Chlorodibromomethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Chloroethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Chloromethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,3-Dichloropropane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
cis-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
trans-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Diethyl Ether	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Diisopropyl Ether (DIPE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,4-Dioxane	ND	0.067	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/18/11	10/19/11 8:00	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Methylene Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Tetrahydrofuran	ND	0.0067	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
Vinyl Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	117	70-130		10/19/11 8:00
Toluene-d8	99.1	70-130		10/19/11 8:00
4-Bromofluorobenzene	92.4	70-130		10/19/11 8:00

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Acenaphthylene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Acetophenone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Aniline	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Anthracene	1.8	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Benzo(a)anthracene	4.3	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Benzo(a)pyrene	3.7	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Benzo(b)fluoranthene	4.5	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Benzo(g,h,i)perylene	1.7	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Benzo(k)fluoranthene	1.7	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Butylbenzylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
4-Chloroaniline	ND	3.0	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2-Chloronaphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2-Chlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Chrysene	4.5	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Dibenz(a,h)anthracene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Dibenzofuran	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Di-n-butylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
1,2-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
1,3-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
1,4-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
3,3-Dichlorobenzidine	ND	0.76	mg/Kg dry	2	R-05	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Diethylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Dimethylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4-Dinitrophenol	ND	3.0	mg/Kg dry	2	V-19	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Di-n-octylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Fluoranthene	7.7	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Fluorene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Hexachlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Hexachlorobutadiene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Hexachloroethane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Indeno(1,2,3-cd)pyrene	2.3	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Isophorone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2-Methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
3/4-Methylphenol	ND	1.5	mg/Kg dry	2	R-05, V-05	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Naphthalene	ND	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Nitrobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
4-Nitrophenol	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Pentachlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Phenanthrene	7.2	0.76	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Phenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
Pyrene	7.9	0.76	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 4:29	MJC
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 4:29	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	60.0	30-130		10/20/11 4:29
Phenol-d6	55.9	30-130		10/20/11 4:29
Nitrobenzene-d5	69.6	30-130		10/20/11 4:29
2-Fluorobiphenyl	65.8	30-130		10/20/11 4:29
2,4,6-Tribromophenol	68.2	30-130		10/20/11 4:29
Terphenyl-d14	64.4	30-130		10/20/11 4:29

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
alpha-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
beta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
delta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
gamma-BHC (Lindane) [1]	ND	0.021	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Chlordane [1]	ND	0.21	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
4,4'-DDD [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
4,4'-DDE [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
4,4'-DDT [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Dieldrin [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Endosulfan I [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Endosulfan II [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Endosulfan sulfate [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Endrin [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Endrin ketone [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Heptachlor [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Heptachlor epoxide [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Hexachlorobenzene [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG
Methoxychlor [1]	ND	0.54	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:03	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.2	30-150		10/24/11 13:03
Decachlorobiphenyl [2]	125	30-150		10/24/11 13:03
Tetrachloro-m-xylene [1]	87.5	30-150		10/24/11 13:03
Tetrachloro-m-xylene [2]	84.7	30-150		10/24/11 13:03

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

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 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1254 [2]	0.44	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1260 [2]	0.30	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:33	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		10/19/11 18:33
Decachlorobiphenyl [2]	113	30-150		10/19/11 18:33
Tetrachloro-m-xylene [1]	98.4	30-150		10/19/11 18:33
Tetrachloro-m-xylene [2]	101	30-150		10/19/11 18:33

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

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	1100	470	mg/Kg dry	50		SW-846 8100 Modified	10/18/11	10/18/11 21:19	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	74.0	40-140				10/18/11	21:19

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.6	2.8	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Barium	320	2.8	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Cadmium	6.2	0.28	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Chromium	25	0.55	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Lead	1100	0.83	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Mercury	0.31	0.025	mg/Kg dry	1		SW-846 7471B	10/19/11	10/20/11 13:50	AMR
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP
Silver	5.0	0.55	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:31	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/21/11	10/21/11 22:35	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @20.5°C	6.9		pH Units	1		SW-846 9045C	10/18/11	10/18/11 7:30	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	10/20/11	10/20/11 16:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/20/11	10/20/11 21:55	DEF
Specific conductance	8.8	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	88.6		% Wt	1		SM 2540G	10/18/11	10/19/11 11:54	MSS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-10 | Sampled: 10/17/2011 10:00

Sample ID: 11J0565-01

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.9	0.010	mg/L	1		SW-846 6010C	10/24/11	10/25/11 13:36	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Bromomethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Chlorodibromomethane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Chloroethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Chloromethane	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2-Dibromoethane (EDB)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0065	mg/Kg dry	1	R-05	SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,3-Dichloropropane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
cis-1,3-Dichloropropene	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
trans-1,3-Dichloropropene	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Diethyl Ether	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Diisopropyl Ether (DIPE)	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,4-Dioxane	ND	0.065	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 11:57	MFF

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Methylene Chloride	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Naphthalene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.00065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Tetrahydrofuran	ND	0.0065	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
Vinyl Chloride	ND	0.0065	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 11:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	119	70-130		10/18/11 11:57
Toluene-d8	95.4	70-130		10/18/11 11:57
4-Bromofluorobenzene	90.8	70-130		10/18/11 11:57

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Acenaphthylene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Acetophenone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Aniline	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Anthracene	1.3	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Benzo(a)anthracene	2.9	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Benzo(a)pyrene	2.5	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Benzo(b)fluoranthene	2.9	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Benzo(g,h,i)perylene	1.4	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Benzo(k)fluoranthene	1.2	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Butylbenzylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
4-Chloroaniline	ND	3.0	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2-Chloronaphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2-Chlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Chrysene	3.0	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Dibenz(a,h)anthracene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Dibenzofuran	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Di-n-butylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
1,2-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
1,3-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
1,4-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
3,3-Dichlorobenzidine	ND	0.77	mg/Kg dry	2	R-05	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Diethylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Dimethylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4-Dinitrophenol	ND	3.0	mg/Kg dry	2	V-19	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Di-n-octylphthalate	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Fluoranthene	5.3	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Fluorene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Hexachlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Hexachlorobutadiene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Hexachloroethane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Indeno(1,2,3-cd)pyrene	1.8	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Isophorone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2-Methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
3/4-Methylphenol	ND	1.5	mg/Kg dry	2	R-05, V-05	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Naphthalene	ND	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Nitrobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
4-Nitrophenol	ND	3.0	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Pentachlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Phenanthrene	5.5	0.77	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Phenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
Pyrene	4.9	0.77	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:01	MJC
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	53.7	30-130		10/20/11 5:01
Phenol-d6	48.6	30-130		10/20/11 5:01
Nitrobenzene-d5	59.9	30-130		10/20/11 5:01
2-Fluorobiphenyl	57.3	30-130		10/20/11 5:01
2,4,6-Tribromophenol	62.3	30-130		10/20/11 5:01
Terphenyl-d14	57.0	30-130		10/20/11 5:01

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
alpha-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
beta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
delta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
gamma-BHC (Lindane) [1]	ND	0.022	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Chlordane [1]	ND	0.22	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
4,4'-DDD [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
4,4'-DDE [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
4,4'-DDT [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Dieldrin [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Endosulfan I [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Endosulfan II [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Endosulfan sulfate [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Endrin [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Endrin ketone [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Heptachlor [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Heptachlor epoxide [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Hexachlorobenzene [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG
Methoxychlor [1]	ND	0.54	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:21	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.9	30-150		10/24/11 13:21
Decachlorobiphenyl [2]	108	30-150		10/24/11 13:21
Tetrachloro-m-xylene [1]	80.3	30-150		10/24/11 13:21
Tetrachloro-m-xylene [2]	78.1	30-150		10/24/11 13:21

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

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 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1254 [1]	0.49	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1260 [2]	0.37	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 18:47	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.5	30-150		10/19/11 18:47
Decachlorobiphenyl [2]	98.2	30-150		10/19/11 18:47
Tetrachloro-m-xylene [1]	87.5	30-150		10/19/11 18:47
Tetrachloro-m-xylene [2]	89.0	30-150		10/19/11 18:47

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

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	910	190	mg/Kg dry	10		SW-846 8100 Modified	10/18/11	10/19/11 12:16	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	65.3	40-140					10/19/11 12:16

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Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.0	2.8	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 10:58	OP
Barium	460	2.8	mg/Kg dry	1	MS-19	SW-846 6010C	10/19/11	10/20/11 10:58	OP
Cadmium	3.6	0.27	mg/Kg dry	1		SW-846 6010C	10/21/11	10/24/11 11:37	OP
Chromium	30	0.54	mg/Kg dry	1		SW-846 6010C	10/21/11	10/24/11 11:37	OP
Lead	980	0.84	mg/Kg dry	1	MS-19	SW-846 6010C	10/19/11	10/20/11 10:58	OP
Mercury	0.39	0.028	mg/Kg dry	1		SW-846 7471B	10/19/11	10/20/11 13:52	AMR
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	10/21/11	10/24/11 11:37	OP
Silver	1.7	0.56	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 10:58	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/21/11	10/21/11 22:35	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @20.5°C	7.0		pH Units	1		SW-846 9045C	10/18/11	10/18/11 7:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/20/11	10/20/11 16:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/20/11	10/20/11 21:55	DEF
Specific conductance	11	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	88.3		% Wt	1		SM 2540G	10/18/11	10/19/11 11:54	MSS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-11 | Sampled: 10/17/2011 10:30

Sample ID: 11J0565-02

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.2	0.010	mg/L	1		SW-846 6010C	10/24/11	10/25/11 13:58	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Bromomethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Carbon Disulfide	ND	0.0046	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Chloroethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2-Dibromoethane (EDB)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0077	mg/Kg dry	1	R-05	SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Diethyl Ether	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Diisopropyl Ether (DIPE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,4-Dioxane	ND	0.077	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 12:24	MFF

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Methylene Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Tetrahydrofuran	ND	0.0077	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	121	70-130		10/18/11 12:24
Toluene-d8	95.4	70-130		10/18/11 12:24
4-Bromofluorobenzene	89.0	70-130		10/18/11 12:24

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Acenaphthylene	ND	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Acetophenone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Aniline	ND	1.5	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Anthracene	1.9	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Benzo(a)anthracene	3.0	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Benzo(a)pyrene	2.4	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Benzo(b)fluoranthene	2.9	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Benzo(g,h,i)perylene	1.2	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Benzo(k)fluoranthene	1.2	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Butylbenzylphthalate	ND	2.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
4-Chloroaniline	ND	2.9	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2-Chloronaphthalene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2-Chlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Chrysene	3.1	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Dibenz(a,h)anthracene	ND	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Dibenzofuran	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Di-n-butylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
1,2-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
1,3-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
1,4-Dichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
3,3-Dichlorobenzidine	ND	0.74	mg/Kg dry	2	R-05	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Diethylphthalate	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Dimethylphthalate	ND	2.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	2	V-19	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Di-n-octylphthalate	ND	2.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Fluoranthene	7.0	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Fluorene	0.86	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Hexachlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Hexachlorobutadiene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Hexachloroethane	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Indeno(1,2,3-cd)pyrene	1.6	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Isophorone	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2-Methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
3/4-Methylphenol	ND	1.5	mg/Kg dry	2	R-05, V-05	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Naphthalene	ND	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Nitrobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
4-Nitrophenol	ND	2.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Pentachlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Phenanthrene	7.3	0.74	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Phenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
Pyrene	5.7	0.74	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 5:32	MJC
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 5:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	49.2	30-130		10/20/11 5:32
Phenol-d6	46.6	30-130		10/20/11 5:32
Nitrobenzene-d5	58.0	30-130		10/20/11 5:32
2-Fluorobiphenyl	52.8	30-130		10/20/11 5:32
2,4,6-Tribromophenol	59.3	30-130		10/20/11 5:32
Terphenyl-d14	57.5	30-130		10/20/11 5:32

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
alpha-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
beta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
delta-BHC [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
gamma-BHC (Lindane) [1]	ND	0.022	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Chlordane [1]	ND	0.22	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
4,4'-DDD [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
4,4'-DDE [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
4,4'-DDT [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Dieldrin [1]	ND	0.043	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Endosulfan I [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Endosulfan II [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Endosulfan sulfate [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Endrin [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Endrin ketone [1]	ND	0.086	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Heptachlor [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Heptachlor epoxide [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Hexachlorobenzene [1]	ND	0.054	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG
Methoxychlor [1]	ND	0.54	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:38	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	71.8	30-150		10/24/11 13:38
Decachlorobiphenyl [2]	104	30-150		10/24/11 13:38
Tetrachloro-m-xylene [1]	81.2	30-150		10/24/11 13:38
Tetrachloro-m-xylene [2]	78.8	30-150		10/24/11 13:38

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

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 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1254 [2]	0.65	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1260 [2]	0.83	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.0	30-150		10/19/11 19:01
Decachlorobiphenyl [2]	92.4	30-150		10/19/11 19:01
Tetrachloro-m-xylene [1]	91.6	30-150		10/19/11 19:01
Tetrachloro-m-xylene [2]	94.4	30-150		10/19/11 19:01

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

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Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

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	360	91	mg/Kg dry	10		SW-846 8100 Modified	10/18/11	10/19/11 12:36	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	59.8	40-140					10/19/11 12:36

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Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.5	2.7	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Barium	600	2.7	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Cadmium	3.5	0.27	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Chromium	34	0.53	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Lead	1800	0.80	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Mercury	0.54	0.055	mg/Kg dry	2		SW-846 7471B	10/19/11	10/20/11 14:21	AMR
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP
Silver	0.98	0.53	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:36	OP

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Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/21/11	10/21/11 22:35	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @20.8°C	7.1		pH Units	1		SW-846 9045C	10/18/11	10/18/11 7:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/20/11	10/20/11 16:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/20/11	10/20/11 21:55	DEF
Specific conductance	12	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	91.1		% Wt	1		SM 2540G	10/18/11	10/19/11 11:54	MSS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-12 | Sampled: 10/17/2011 11:05

Sample ID: 11J0565-03

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.9	0.010	mg/L	1		SW-846 6010C	10/24/11	10/25/11 14:03	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Bromomethane	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
2-Butanone (MEK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
n-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
tert-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Carbon Disulfide	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Carbon Tetrachloride	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Chlorodibromomethane	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Chloroethane	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Chloroform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Chloromethane	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2-Dibromoethane (EDB)	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0056	mg/Kg dry	1	R-05	SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,3-Dichloropropane	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
cis-1,3-Dichloropropene	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
trans-1,3-Dichloropropene	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Diethyl Ether	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Diisopropyl Ether (DIPE)	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,4-Dioxane	ND	0.056	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 12:49	MFF

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
2-Hexanone (MBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Isopropylbenzene (Cumene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Methylene Chloride	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Naphthalene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Styrene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.00056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Tetrahydrofuran	ND	0.0056	mg/Kg dry	1	V-16	SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2,3-Trichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2,4-Trichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
Vinyl Chloride	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
m+p Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/18/11	10/18/11 12:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	121	70-130		10/18/11 12:49
Toluene-d8	95.7	70-130		10/18/11 12:49
4-Bromofluorobenzene	87.9	70-130		10/18/11 12:49

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Acenaphthylene	ND	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Acetophenone	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Aniline	ND	1.6	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Anthracene	1.5	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Benzo(a)anthracene	3.2	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Benzo(a)pyrene	2.8	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Benzo(b)fluoranthene	3.5	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Benzo(g,h,i)perylene	1.3	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Benzo(k)fluoranthene	1.4	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Bis(2-chloroethoxy)methane	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Bis(2-chloroethyl)ether	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Bis(2-chloroisopropyl)ether	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Bis(2-Ethylhexyl)phthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
4-Bromophenylphenylether	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Butylbenzylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
4-Chloroaniline	ND	3.1	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2-Chloronaphthalene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2-Chlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Chrysene	3.4	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Dibenz(a,h)anthracene	ND	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Dibenzofuran	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Di-n-butylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
1,2-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
1,3-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
1,4-Dichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
3,3-Dichlorobenzidine	ND	0.80	mg/Kg dry	2	R-05	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4-Dichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Diethylphthalate	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4-Dimethylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Dimethylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4-Dinitrophenol	ND	3.1	mg/Kg dry	2	V-19	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4-Dinitrotoluene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,6-Dinitrotoluene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Di-n-octylphthalate	ND	3.1	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Fluoranthene	4.8	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Fluorene	ND	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Hexachlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Hexachlorobutadiene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Hexachloroethane	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Indeno(1,2,3-cd)pyrene	1.5	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Isophorone	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2-Methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
3/4-Methylphenol	ND	1.6	mg/Kg dry	2	R-05, V-05	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Naphthalene	1.3	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Nitrobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
4-Nitrophenol	ND	3.1	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Pentachlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Phenanthrene	5.8	0.80	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Phenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
Pyrene	4.5	0.80	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:04	MJC
1,2,4-Trichlorobenzene	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4,5-Trichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC
2,4,6-Trichlorophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	58.9	30-130		10/20/11 6:04
Phenol-d6	56.9	30-130		10/20/11 6:04
Nitrobenzene-d5	67.6	30-130		10/20/11 6:04
2-Fluorobiphenyl	71.2	30-130		10/20/11 6:04
2,4,6-Tribromophenol	52.5	30-130		10/20/11 6:04
Terphenyl-d14	56.2	30-130		10/20/11 6:04

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
alpha-BHC [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
beta-BHC [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
delta-BHC [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
gamma-BHC (Lindane) [1]	ND	0.024	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Chlordane [1]	ND	0.24	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
4,4'-DDD [1]	ND	0.047	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
4,4'-DDE [1]	ND	0.047	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
4,4'-DDT [1]	ND	0.047	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Dieldrin [1]	ND	0.047	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Endosulfan I [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Endosulfan II [1]	ND	0.094	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Endosulfan sulfate [1]	ND	0.094	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Endrin [1]	ND	0.094	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Endrin ketone [1]	ND	0.094	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Heptachlor [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Heptachlor epoxide [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Hexachlorobenzene [1]	ND	0.059	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG
Methoxychlor [1]	ND	0.59	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 13:55	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.8	30-150		10/24/11 13:55
Decachlorobiphenyl [2]	117	30-150		10/24/11 13:55
Tetrachloro-m-xylene [1]	82.1	30-150		10/24/11 13:55
Tetrachloro-m-xylene [2]	79.0	30-150		10/24/11 13:55

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

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	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1254 [2]	0.50	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1260 [2]	0.33	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.3	30-150		10/19/11 19:15
Decachlorobiphenyl [2]	108	30-150		10/19/11 19:15
Tetrachloro-m-xylene [1]	92.2	30-150		10/19/11 19:15
Tetrachloro-m-xylene [2]	92.6	30-150		10/19/11 19:15

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

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	760	200	mg/Kg dry	10	MS-19	SW-846 8100 Modified	10/18/11	10/19/11 12:55	SCS

Surrogates	% Recovery	Recovery Limits	Flag					
o-Terphenyl	75.8	40-140					10/19/11 12:55	

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.8	2.9	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Barium	430	2.9	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Cadmium	2.2	0.29	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Chromium	32	0.58	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Lead	840	0.86	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Mercury	0.72	0.055	mg/Kg dry	2		SW-846 7471B	10/19/11	10/20/11 14:23	AMR
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP
Silver	0.91	0.58	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:41	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/21/11	10/21/11 22:35	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @21.5°C	7.2		pH Units	1		SW-846 9045C	10/18/11	10/18/11 7:30	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	10/20/11	10/20/11 16:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/20/11	10/20/11 21:55	DEF
Specific conductance	7.8	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	84.8		% Wt	1		SM 2540G	10/18/11	10/19/11 11:54	MSS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-13 | Sampled: 10/17/2011 11:35

Sample ID: 11J0565-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.5	0.010	mg/L	1		SW-846 6010C	10/24/11	10/25/11 14:09	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Bromomethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Carbon Disulfide	ND	0.0043	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Chlorodibromomethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Chloroethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Chloromethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,3-Dichloropropane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
cis-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
trans-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Diethyl Ether	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,4-Dioxane	ND	0.072	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/18/11	10/19/11 8:25	MFF

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Methylene Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Tetrahydrofuran	ND	0.0072	mg/Kg dry	1	R-05, V-16	SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
Vinyl Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/18/11	10/19/11 8:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	114	70-130		10/19/11 8:25
Toluene-d8	96.8	70-130		10/19/11 8:25
4-Bromofluorobenzene	89.2	70-130		10/19/11 8:25

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Acenaphthylene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Acetophenone	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Aniline	ND	1.9	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Anthracene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Benzo(a)anthracene	1.6	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Benzo(a)pyrene	1.5	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Benzo(b)fluoranthene	1.9	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Benzo(g,h,i)perylene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Benzo(k)fluoranthene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Bis(2-chloroethoxy)methane	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Bis(2-chloroethyl)ether	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Bis(2-chloroisopropyl)ether	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Bis(2-Ethylhexyl)phthalate	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
4-Bromophenylphenylether	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Butylbenzylphthalate	ND	3.8	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
4-Chloroaniline	ND	3.8	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2-Chloronaphthalene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2-Chlorophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Chrysene	1.7	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Dibenz(a,h)anthracene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Dibenzofuran	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Di-n-butylphthalate	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
1,2-Dichlorobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
1,3-Dichlorobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
1,4-Dichlorobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
3,3-Dichlorobenzidine	ND	0.97	mg/Kg dry	2	R-05	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4-Dichlorophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Diethylphthalate	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4-Dimethylphenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Dimethylphthalate	ND	3.8	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4-Dinitrophenol	ND	3.8	mg/Kg dry	2	V-19	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4-Dinitrotoluene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,6-Dinitrotoluene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Di-n-octylphthalate	ND	3.8	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Fluoranthene	2.9	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Fluorene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Hexachlorobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Hexachlorobutadiene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Hexachloroethane	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Indeno(1,2,3-cd)pyrene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Isophorone	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Sample Flags: RL-08

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2-Methylphenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
3/4-Methylphenol	ND	1.9	mg/Kg dry	2	V-05, R-05	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Naphthalene	ND	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Nitrobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2-Nitrophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
4-Nitrophenol	ND	3.8	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Pentachlorophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Phenanthrene	2.2	0.97	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Phenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
Pyrene	2.6	0.97	mg/Kg dry	2	V-05	SW-846 8270D	10/18/11	10/20/11 6:36	MJC
1,2,4-Trichlorobenzene	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4,5-Trichlorophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC
2,4,6-Trichlorophenol	ND	1.9	mg/Kg dry	2		SW-846 8270D	10/18/11	10/20/11 6:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	46.0	30-130		10/20/11 6:36
Phenol-d6	43.0	30-130		10/20/11 6:36
Nitrobenzene-d5	50.4	30-130		10/20/11 6:36
2-Fluorobiphenyl	52.3	30-130		10/20/11 6:36
2,4,6-Tribromophenol	44.7	30-130		10/20/11 6:36
Terphenyl-d14	44.1	30-130		10/20/11 6:36

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Sample Flags: RL-06

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aldrin [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
alpha-BHC [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
beta-BHC [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
delta-BHC [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
gamma-BHC (Lindane) [1]	ND	0.028	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Chlordane [1]	ND	0.28	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
4,4'-DDD [1]	ND	0.056	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
4,4'-DDE [1]	ND	0.056	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
4,4'-DDT [1]	ND	0.056	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Dieldrin [1]	ND	0.056	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Endosulfan I [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Endosulfan II [1]	ND	0.11	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Endosulfan sulfate [1]	ND	0.11	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Endrin [1]	ND	0.11	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Endrin ketone [1]	ND	0.11	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Heptachlor [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Heptachlor epoxide [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Hexachlorobenzene [1]	ND	0.070	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG
Methoxychlor [1]	ND	0.70	mg/Kg dry	10		SW-846 8081B	10/18/11	10/24/11 14:12	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	67.7	30-150		10/24/11 14:12
Decachlorobiphenyl [2]	82.6	30-150		10/24/11 14:12
Tetrachloro-m-xylene [1]	78.2	30-150		10/24/11 14:12
Tetrachloro-m-xylene [2]	78.7	30-150		10/24/11 14:12

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

Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

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	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1254 [1]	0.32	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	1		SW-846 8082A	10/18/11	10/19/11 19:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.3	30-150		10/19/11 19:29
Decachlorobiphenyl [2]	82.4	30-150		10/19/11 19:29
Tetrachloro-m-xylene [1]	88.5	30-150		10/19/11 19:29
Tetrachloro-m-xylene [2]	86.0	30-150		10/19/11 19:29

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

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	1100	240	mg/Kg dry	10		SW-846 8100 Modified	10/18/11	10/19/11 12:16	SCS

Surrogates	% Recovery	Recovery Limits	Flag				
o-Terphenyl	87.0	40-140				10/19/11 12:16	

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.5	3.5	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Barium	420	3.5	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Cadmium	1.7	0.35	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Chromium	17	0.69	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Lead	910	1.0	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Mercury	0.37	0.034	mg/Kg dry	1		SW-846 7471B	10/19/11	10/20/11 13:57	AMR
Selenium	ND	6.9	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP
Silver	ND	0.69	mg/Kg dry	1		SW-846 6010C	10/19/11	10/20/11 15:46	OP

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

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
Flashpoint	> 212 °F		°F	1		SW-846 1010	10/21/11	10/21/11 22:35	DEF
Ignitability	Absent		present/absent	1		SW-846 1030	10/19/11	10/19/11 15:05	SBP
pH @21.9°C	6.6		pH Units	1		SW-846 9045C	10/18/11	10/18/11 7:30	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	10/20/11	10/20/11 16:00	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	10/20/11	10/20/11 21:55	DEF
Specific conductance	8.8	2.0	µmhos/cm	1		SM18-20 2510B	10/19/11	10/19/11 13:57	SBP
% Solids	69.5		% Wt	1		SM 2540G	10/18/11	10/19/11 11:54	MSS

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Project Location: New Bedford, MA | Sample Description: | Work Order: 11J0565

Date Received: 10/17/2011

Field Sample #: STKP-D3-14 | Sampled: 10/17/2011 12:05

Sample ID: 11J0565-05

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.71	0.010	mg/L	1		SW-846 6010C	10/24/11	10/25/11 14:15	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11J0565-01 [STKP-D3-10]	B039397	10/18/11
11J0565-02 [STKP-D3-11]	B039397	10/18/11
11J0565-03 [STKP-D3-12]	B039397	10/18/11
11J0565-04 [STKP-D3-13]	B039397	10/18/11
11J0565-05 [STKP-D3-14]	B039397	10/18/11

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
11J0565-01 [STKP-D3-10]	B039446	1.00	10/19/11
11J0565-02 [STKP-D3-11]	B039446	1.00	10/19/11
11J0565-03 [STKP-D3-12]	B039446	1.00	10/19/11
11J0565-04 [STKP-D3-13]	B039446	1.00	10/19/11
11J0565-05 [STKP-D3-14]	B039446	1.00	10/19/11

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039686	50.0	50.0	10/21/11
11J0565-02 [STKP-D3-11]	B039686	50.0	50.0	10/21/11
11J0565-03 [STKP-D3-12]	B039686	50.0	50.0	10/21/11
11J0565-04 [STKP-D3-13]	B039686	50.0	50.0	10/21/11
11J0565-05 [STKP-D3-14]	B039686	50.0	50.0	10/21/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039457	50.0	50.0	10/19/11
11J0565-02 [STKP-D3-11]	B039457	50.0	50.0	10/19/11
11J0565-03 [STKP-D3-12]	B039457	50.0	50.0	10/19/11
11J0565-04 [STKP-D3-13]	B039457	50.0	50.0	10/19/11
11J0565-05 [STKP-D3-14]	B039457	50.0	50.0	10/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039442	1.02	50.0	10/19/11
11J0565-02 [STKP-D3-11]	B039442	1.02	50.0	10/19/11
11J0565-03 [STKP-D3-12]	B039442	1.03	50.0	10/19/11
11J0565-04 [STKP-D3-13]	B039442	1.02	50.0	10/19/11
11J0565-05 [STKP-D3-14]	B039442	1.04	50.0	10/19/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-02RE1 [STKP-D3-11]	B039614	1.04	50.0	10/21/11

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 10/18/2011 per SW-846 1311 in Batch B039323**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039788	50.0	50.0	10/24/11
11J0565-02 [STKP-D3-11]	B039788	50.0	50.0	10/24/11
11J0565-03 [STKP-D3-12]	B039788	50.0	50.0	10/24/11
11J0565-04 [STKP-D3-13]	B039788	50.0	50.0	10/24/11
11J0565-05 [STKP-D3-14]	B039788	50.0	50.0	10/24/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039416	0.678	50.0	10/19/11
11J0565-02 [STKP-D3-11]	B039416	0.607	50.0	10/19/11
11J0565-03 [STKP-D3-12]	B039416	0.598	50.0	10/19/11
11J0565-04 [STKP-D3-13]	B039416	0.644	50.0	10/19/11
11J0565-05 [STKP-D3-14]	B039416	0.634	50.0	10/19/11

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039320	10.5	10.0	10/18/11
11J0565-02 [STKP-D3-11]	B039320	10.5	10.0	10/18/11
11J0565-03 [STKP-D3-12]	B039320	10.2	10.0	10/18/11
11J0565-04 [STKP-D3-13]	B039320	10.0	10.0	10/18/11
11J0565-05 [STKP-D3-14]	B039320	10.3	10.0	10/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039321	10.0	50.0	10/18/11
11J0565-02 [STKP-D3-11]	B039321	10.5	50.0	10/18/11
11J0565-03 [STKP-D3-12]	B039321	10.0	50.0	10/18/11
11J0565-04 [STKP-D3-13]	B039321	10.0	50.0	10/18/11
11J0565-05 [STKP-D3-14]	B039321	10.3	50.0	10/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039306	30.1	1.00	10/18/11
11J0565-02 [STKP-D3-11]	B039306	30.1	2.00	10/18/11
11J0565-03 [STKP-D3-12]	B039306	30.3	1.00	10/18/11
11J0565-04 [STKP-D3-13]	B039306	30.1	2.00	10/18/11
11J0565-05 [STKP-D3-14]	B039306	30.1	2.00	10/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-02 [STKP-D3-11]	B039328	8.72	10.0	10/18/11
11J0565-03 [STKP-D3-12]	B039328	7.09	10.0	10/18/11
11J0565-04 [STKP-D3-13]	B039328	10.5	10.0	10/18/11

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039404	8.42	10.0	10/18/11
11J0565-05 [STKP-D3-14]	B039404	9.97	10.0	10/18/11

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039304	30.1	2.00	10/18/11
11J0565-02 [STKP-D3-11]	B039304	30.1	2.00	10/18/11
11J0565-03 [STKP-D3-12]	B039304	30.3	2.00	10/18/11
11J0565-04 [STKP-D3-13]	B039304	30.0	2.00	10/18/11
11J0565-05 [STKP-D3-14]	B039304	30.3	2.00	10/18/11

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039594	25.2	250	10/20/11
11J0565-02 [STKP-D3-11]	B039594	25.3	250	10/20/11
11J0565-03 [STKP-D3-12]	B039594	25.5	250	10/20/11
11J0565-04 [STKP-D3-13]	B039594	25.3	250	10/20/11
11J0565-05 [STKP-D3-14]	B039594	25.6	250	10/20/11

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11J0565-01 [STKP-D3-10]	B039595	25.2	250	10/20/11
11J0565-02 [STKP-D3-11]	B039595	25.3	250	10/20/11
11J0565-03 [STKP-D3-12]	B039595	25.5	250	10/20/11
11J0565-04 [STKP-D3-13]	B039595	25.3	250	10/20/11
11J0565-05 [STKP-D3-14]	B039595	25.6	250	10/20/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11J0565-01 [STKP-D3-10]	B039374	20.0	10/18/11
11J0565-02 [STKP-D3-11]	B039374	20.0	10/18/11
11J0565-03 [STKP-D3-12]	B039374	20.0	10/18/11
11J0565-04 [STKP-D3-13]	B039374	20.0	10/18/11
11J0565-05 [STKP-D3-14]	B039374	20.0	10/18/11

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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 B039328 - SW-846 5035										
Blank (B039328-BLK1)				Prepared & Analyzed: 10/18/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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							R-05
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	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	0.0020	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	0.0040	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 B039328 - SW-846 5035										
Blank (B039328-BLK1)				Prepared & Analyzed: 10/18/11						
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	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
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	*0.0579*		mg/Kg wet	0.0500		116	70-130			
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0475*		mg/Kg wet	0.0500		95.0	70-130			
LCS (B039328-BS1)				Prepared & Analyzed: 10/18/11						
Acetone	0.246	0.10	mg/Kg wet	0.200		123	40-160			†
tert-Amyl Methyl Ether (TAME)	0.0163	0.0010	mg/Kg wet	0.0200		81.5	70-130			
Benzene	0.0165	0.0020	mg/Kg wet	0.0200		82.7	70-130			
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130			
Bromochloromethane	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130			
Bromodichloromethane	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130			
Bromoform	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromomethane	0.0162	0.010	mg/Kg wet	0.0200		81.2	40-160			†
2-Butanone (MEK)	0.181	0.040	mg/Kg wet	0.200		90.6	40-160			†
n-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
sec-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
tert-Butylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0145	0.0010	mg/Kg wet	0.0200		72.4	70-130			
Carbon Disulfide	0.0196	0.0060	mg/Kg wet	0.0200		98.1	70-130			
Carbon Tetrachloride	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130			
Chlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
Chlorodibromomethane	0.0197	0.0010	mg/Kg wet	0.0200		98.3	70-130			
Chloroethane	0.0182	0.010	mg/Kg wet	0.0200		91.0	70-130			
Chloroform	0.0188	0.0040	mg/Kg wet	0.0200		94.1	70-130			
Chloromethane	0.0148	0.010	mg/Kg wet	0.0200		74.2	40-160			†
2-Chlorotoluene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
4-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130			V-20
1,2-Dibromoethane (EDB)	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130			
Dibromomethane	0.0187	0.0020	mg/Kg wet	0.0200		93.6	70-130			
1,2-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,3-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,4-Dichlorobenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	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 B039328 - SW-846 5035											
LCS (B039328-BS1)				Prepared & Analyzed: 10/18/11							
Dichlorodifluoromethane (Freon 12)	0.0142	0.010	mg/Kg wet	0.0200		70.9	40-160			R-05	†
1,1-Dichloroethane	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				
1,2-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
1,1-Dichloroethylene	0.0198	0.0040	mg/Kg wet	0.0200		99.1	70-130				
cis-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.0200		87.1	70-130				
trans-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130				
1,2-Dichloropropane	0.0172	0.0020	mg/Kg wet	0.0200		85.8	70-130				
1,3-Dichloropropane	0.0186	0.0010	mg/Kg wet	0.0200		92.8	70-130				
2,2-Dichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130				
1,1-Dichloropropene	0.0169	0.0020	mg/Kg wet	0.0200		84.4	70-130				
cis-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130				
trans-1,3-Dichloropropene	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130				
Diethyl Ether	0.0184	0.010	mg/Kg wet	0.0200		92.2	70-130				
Diisopropyl Ether (DIPE)	0.0159	0.0010	mg/Kg wet	0.0200		79.3	70-130				
1,4-Dioxane	0.153	0.10	mg/Kg wet	0.200		76.5	40-160			V-16	†
Ethylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				
Hexachlorobutadiene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
2-Hexanone (MBK)	0.183	0.020	mg/Kg wet	0.200		91.3	40-160				†
Isopropylbenzene (Cumene)	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130				
p-Isopropyltoluene (p-Cymene)	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130				
Methyl tert-Butyl Ether (MTBE)	0.0175	0.0040	mg/Kg wet	0.0200		87.7	70-130				
Methylene Chloride	0.0187	0.010	mg/Kg wet	0.0200		93.5	70-130				
4-Methyl-2-pentanone (MIBK)	0.177	0.020	mg/Kg wet	0.200		88.4	40-160				†
Naphthalene	0.0181	0.0040	mg/Kg wet	0.0200		90.4	70-130				
n-Propylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130				
Styrene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130				
1,1,1,2-Tetrachloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		94.0	70-130				
Tetrachloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130				
Tetrahydrofuran	0.0162	0.010	mg/Kg wet	0.0200		81.0	70-130			V-16	
Toluene	0.0178	0.0020	mg/Kg wet	0.0200		89.1	70-130				
1,2,3-Trichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130				
1,2,4-Trichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130				
1,1,1-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130				
1,1,2-Trichloroethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130				
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130				
Trichlorofluoromethane (Freon 11)	0.0192	0.010	mg/Kg wet	0.0200		95.8	70-130				
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130				
1,2,4-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130				
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130				
Vinyl Chloride	0.0145	0.010	mg/Kg wet	0.0200		72.3	70-130				
m+p Xylene	0.0416	0.0040	mg/Kg wet	0.0400		104	70-130				
o-Xylene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0567*		mg/Kg wet	0.0500		113	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.0500		98.5	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0481*		mg/Kg wet	0.0500		96.2	70-130				

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 B039328 - SW-846 5035												
LCS Dup (B039328-BSD1)				Prepared & Analyzed: 10/18/11								
Acetone	0.275	0.10	mg/Kg wet	0.200		138		40-160	11.1	20	L-14	†
tert-Amyl Methyl Ether (TAME)	0.0160	0.0010	mg/Kg wet	0.0200		80.2		70-130	1.61	20		
Benzene	0.0176	0.0020	mg/Kg wet	0.0200		87.8		70-130	5.98	20		
Bromobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6		70-130	2.86	20		
Bromochloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130	1.90	20		
Bromodichloromethane	0.0192	0.0020	mg/Kg wet	0.0200		96.2		70-130	1.36	20		
Bromoform	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	1.62	20		
Bromomethane	0.0175	0.010	mg/Kg wet	0.0200		87.7		40-160	7.70	20		†
2-Butanone (MEK)	0.184	0.040	mg/Kg wet	0.200		92.1		40-160	1.63	20		†
n-Butylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	4.92	20		
sec-Butylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	3.88	20		
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130	0.449	20		
tert-Butyl Ethyl Ether (TBEE)	0.0143	0.0010	mg/Kg wet	0.0200		71.6		70-130	1.11	20		
Carbon Disulfide	0.0203	0.0060	mg/Kg wet	0.0200		102		70-130	3.60	20		
Carbon Tetrachloride	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	8.46	20		
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130	0.622	20		
Chlorodibromomethane	0.0204	0.0010	mg/Kg wet	0.0200		102		70-130	3.60	20		
Chloroethane	0.0191	0.010	mg/Kg wet	0.0200		95.3		70-130	4.62	20		
Chloroform	0.0199	0.0040	mg/Kg wet	0.0200		99.4		70-130	5.48	20		
Chloromethane	0.0160	0.010	mg/Kg wet	0.0200		80.0		40-160	7.52	20		†
2-Chlorotoluene	0.0209	0.0020	mg/Kg wet	0.0200		104		70-130	4.01	20		
4-Chlorotoluene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	1.77	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0266	0.0020	mg/Kg wet	0.0200		**133**	*	70-130	3.28	20	L-07, V-20	
1,2-Dibromoethane (EDB)	0.0193	0.0010	mg/Kg wet	0.0200		96.3		70-130	0.00	20		
Dibromomethane	0.0192	0.0020	mg/Kg wet	0.0200		96.1		70-130	2.64	20		
1,2-Dichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	2.76	20		
1,3-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130	5.38	20		
1,4-Dichlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	3.96	20		
Dichlorodifluoromethane (Freon 12)	0.0201	0.010	mg/Kg wet	0.0200		100		40-160	**34.4**	* 20	R-05	†
1,1-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1		70-130	6.51	20		
1,2-Dichloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	4.79	20		
1,1-Dichloroethylene	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130	7.20	20		
cis-1,2-Dichloroethylene	0.0184	0.0020	mg/Kg wet	0.0200		91.9		70-130	5.36	20		
trans-1,2-Dichloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	12.3	20		
1,2-Dichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.5		70-130	0.813	20		
1,3-Dichloropropane	0.0187	0.0010	mg/Kg wet	0.0200		93.4		70-130	0.644	20		
2,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	7.95	20		
1,1-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		95.0		70-130	11.8	20		
cis-1,3-Dichloropropene	0.0177	0.0010	mg/Kg wet	0.0200		88.6		70-130	4.52	20		
trans-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.0200		104		70-130	1.44	20		
Diethyl Ether	0.0188	0.010	mg/Kg wet	0.0200		94.2		70-130	2.15	20		
Diisopropyl Ether (DIPE)	0.0162	0.0010	mg/Kg wet	0.0200		80.8		70-130	1.87	20		
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		82.2		40-160	7.14	20	V-16	†
Ethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130	1.08	20		
Hexachlorobutadiene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	9.71	20		
2-Hexanone (MBK)	0.191	0.020	mg/Kg wet	0.200		95.7		40-160	4.65	20		†
Isopropylbenzene (Cumene)	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	3.09	20		
p-Isopropyltoluene (p-Cymene)	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130	5.24	20		
Methyl tert-Butyl Ether (MTBE)	0.0175	0.0040	mg/Kg wet	0.0200		87.7		70-130	0.00	20		
Methylene Chloride	0.0193	0.010	mg/Kg wet	0.0200		96.7		70-130	3.36	20		
4-Methyl-2-pentanone (MIBK)	0.177	0.020	mg/Kg wet	0.200		88.4		40-160	0.0792	20		†
Naphthalene	0.0185	0.0040	mg/Kg wet	0.0200		92.5		70-130	2.30	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 B039328 - SW-846 5035										
LCS Dup (B039328-BSD1)				Prepared & Analyzed: 10/18/11						
n-Propylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	0.668	20	
Styrene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	1.92	20	
1,1,1,2-Tetrachloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	4.38	20	
1,1,2,2-Tetrachloroethane	0.0179	0.0010	mg/Kg wet	0.0200		89.5	70-130	4.90	20	
Tetrachloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	8.85	20	
Tetrahydrofuran	0.0154	0.010	mg/Kg wet	0.0200		77.1	70-130	4.93	20	V-16
Toluene	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130	3.09	20	
1,2,3-Trichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	8.28	20	
1,2,4-Trichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	9.54	20	
1,1,1-Trichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	9.19	20	
1,1,2-Trichloroethane	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130	1.47	20	
Trichloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	1.12	20	
Trichlorofluoromethane (Freon 11)	0.0215	0.010	mg/Kg wet	0.0200		107	70-130	11.3	20	
1,2,3-Trichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130	3.31	20	
1,2,4-Trimethylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	4.45	20	
1,3,5-Trimethylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	1.08	20	
Vinyl Chloride	0.0155	0.010	mg/Kg wet	0.0200		77.3	70-130	6.68	20	
m+p Xylene	0.0420	0.0040	mg/Kg wet	0.0400		105	70-130	0.814	20	
o-Xylene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	2.01	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0565*		mg/Kg wet	0.0500		113	70-130			
Surrogate: Toluene-d8	*0.0495*		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0469*		mg/Kg wet	0.0500		93.9	70-130			
Batch B039404 - SW-846 5035										
Blank (B039404-BLK1)				Prepared & Analyzed: 10/19/11						
Acetone	ND	0.10	mg/Kg wet							
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							
n-Butylbenzene	ND	0.0020	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	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	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							

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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 B039404 - SW-846 5035										
Blank (B039404-BLK1)				Prepared & Analyzed: 10/19/11						
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	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							R-05, 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	0.0020	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	0.0040	mg/Kg wet							
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							R-05, V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
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	*0.0558*		mg/Kg wet	0.0500		112	70-130			
Surrogate: Toluene-d8	*0.0483*		mg/Kg wet	0.0500		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0478*		mg/Kg wet	0.0500		95.6	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 B039404 - SW-846 5035												
LCS (B039404-BS1)				Prepared & Analyzed: 10/19/11								
Acetone	0.230	0.10	mg/Kg wet	0.200		115		40-160				†
tert-Amyl Methyl Ether (TAME)	0.0165	0.0010	mg/Kg wet	0.0200		82.6		70-130				
Benzene	0.0173	0.0020	mg/Kg wet	0.0200		86.3		70-130				
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
Bromochloromethane	0.0184	0.0020	mg/Kg wet	0.0200		91.8		70-130				
Bromodichloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
Bromoform	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Bromomethane	0.0192	0.010	mg/Kg wet	0.0200		96.0		40-160				†
2-Butanone (MEK)	0.175	0.040	mg/Kg wet	0.200		87.3		40-160				†
n-Butylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130				
sec-Butylbenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
tert-Butylbenzene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0148	0.0010	mg/Kg wet	0.0200		73.8		70-130				
Carbon Disulfide	0.0204	0.0060	mg/Kg wet	0.0200		102		70-130				
Carbon Tetrachloride	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Chlorodibromomethane	0.0212	0.0010	mg/Kg wet	0.0200		106		70-130				
Chloroethane	0.0187	0.010	mg/Kg wet	0.0200		93.7		70-130				
Chloroform	0.0202	0.0040	mg/Kg wet	0.0200		101		70-130				
Chloromethane	0.0157	0.010	mg/Kg wet	0.0200		78.5		40-160				†
2-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
4-Chlorotoluene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0266	0.0020	mg/Kg wet	0.0200		**133**	*	70-130			L-02, V-20	
1,2-Dibromoethane (EDB)	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
Dibromomethane	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130				
1,2-Dichlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,3-Dichlorobenzene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130				
1,4-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130				
Dichlorodifluoromethane (Freon 12)	0.0164	0.010	mg/Kg wet	0.0200		81.8		40-160				†
1,1-Dichloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.6		70-130				
1,2-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1-Dichloroethylene	0.0219	0.0040	mg/Kg wet	0.0200		109		70-130				
cis-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.6		70-130				
trans-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130				
1,3-Dichloropropane	0.0197	0.0010	mg/Kg wet	0.0200		98.3		70-130				
2,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
1,1-Dichloropropene	0.0191	0.0020	mg/Kg wet	0.0200		95.7		70-130				
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		98.2		70-130				
trans-1,3-Dichloropropene	0.0217	0.0010	mg/Kg wet	0.0200		108		70-130				
Diethyl Ether	0.0185	0.010	mg/Kg wet	0.0200		92.5		70-130				
Diisopropyl Ether (DIPE)	0.0165	0.0010	mg/Kg wet	0.0200		82.3		70-130				
1,4-Dioxane	0.164	0.10	mg/Kg wet	0.200		82.1		40-160			R-05, V-16	†
Ethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
Hexachlorobutadiene	0.0258	0.0020	mg/Kg wet	0.0200		129		70-130				
2-Hexanone (MBK)	0.185	0.020	mg/Kg wet	0.200		92.6		40-160				†
Isopropylbenzene (Cumene)	0.0251	0.0020	mg/Kg wet	0.0200		126		70-130				
p-Isopropyltoluene (p-Cymene)	0.0248	0.0020	mg/Kg wet	0.0200		124		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0176	0.0040	mg/Kg wet	0.0200		87.9		70-130				
Methylene Chloride	0.0177	0.010	mg/Kg wet	0.0200		88.4		70-130				
4-Methyl-2-pentanone (MIBK)	0.181	0.020	mg/Kg wet	0.200		90.6		40-160				†
Naphthalene	0.0186	0.0040	mg/Kg wet	0.0200		92.9		70-130				

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 B039404 - SW-846 5035												
LCS (B039404-BS1)				Prepared & Analyzed: 10/19/11								
n-Propylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
Styrene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
1,1,1,2-Tetrachloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2,2-Tetrachloroethane	0.0187	0.0010	mg/Kg wet	0.0200		93.5		70-130				
Tetrachloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
Tetrahydrofuran	0.0154	0.010	mg/Kg wet	0.0200		77.1		70-130			R-05, V-16	
Toluene	0.0196	0.0020	mg/Kg wet	0.0200		97.8		70-130				
1,2,3-Trichlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2,4-Trichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1,1-Trichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
1,1,2-Trichloroethane	0.0185	0.0020	mg/Kg wet	0.0200		92.4		70-130				
Trichloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130				
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.0200		109		70-130			V-20	
1,2,3-Trichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		93.8		70-130				
1,2,4-Trimethylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
1,3,5-Trimethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
Vinyl Chloride	0.0150	0.010	mg/Kg wet	0.0200		75.0		70-130				
m+p Xylene	0.0446	0.0040	mg/Kg wet	0.0400		111		70-130				
o-Xylene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0552*		mg/Kg wet	0.0500		110		70-130				
Surrogate: Toluene-d8	*0.0492*		mg/Kg wet	0.0500		98.4		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0479*		mg/Kg wet	0.0500		95.8		70-130				
LCS Dup (B039404-BSD1)				Prepared & Analyzed: 10/19/11								
Acetone	0.256	0.10	mg/Kg wet	0.200		128		40-160	10.9	20		†
tert-Amyl Methyl Ether (TAME)	0.0180	0.0010	mg/Kg wet	0.0200		90.2		70-130	8.80	20		
Benzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1		70-130	9.70	20		
Bromobenzene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130	12.1	20		
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130	11.1	20		
Bromodichloromethane	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	6.73	20		
Bromoform	0.0245	0.0020	mg/Kg wet	0.0200		122		70-130	11.0	20		
Bromomethane	0.0200	0.010	mg/Kg wet	0.0200		100		40-160	4.28	20		†
2-Butanone (MEK)	0.202	0.040	mg/Kg wet	0.200		101		40-160	14.4	20		†
n-Butylbenzene	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130	4.64	20		
sec-Butylbenzene	0.0259	0.0020	mg/Kg wet	0.0200		129		70-130	8.29	20		
tert-Butylbenzene	0.0253	0.0020	mg/Kg wet	0.0200		127		70-130	4.68	20		
tert-Butyl Ethyl Ether (TBEE)	0.0164	0.0010	mg/Kg wet	0.0200		82.0		70-130	10.5	20		
Carbon Disulfide	0.0209	0.0060	mg/Kg wet	0.0200		105		70-130	2.52	20		
Carbon Tetrachloride	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	6.62	20		
Chlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	9.46	20		
Chlorodibromomethane	0.0233	0.0010	mg/Kg wet	0.0200		116		70-130	9.34	20		
Chloroethane	0.0211	0.010	mg/Kg wet	0.0200		105		70-130	11.7	20		
Chloroform	0.0223	0.0040	mg/Kg wet	0.0200		111		70-130	9.99	20		
Chloromethane	0.0165	0.010	mg/Kg wet	0.0200		82.4		40-160	4.85	20		†
2-Chlorotoluene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	8.26	20		
4-Chlorotoluene	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130	10.4	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0293	0.0020	mg/Kg wet	0.0200		**146**	*	70-130	9.52	20	L-02, V-20	
1,2-Dibromoethane (EDB)	0.0222	0.0010	mg/Kg wet	0.0200		111		70-130	8.14	20		
Dibromomethane	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	9.39	20		
1,2-Dichlorobenzene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	6.58	20		
1,3-Dichlorobenzene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	5.31	20		
1,4-Dichlorobenzene	0.0239	0.0020	mg/Kg wet	0.0200		120		70-130	6.21	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 B039404 - SW-846 5035													
LCS Dup (B039404-BSD1)				Prepared & Analyzed: 10/19/11									
Dichlorodifluoromethane (Freon 12)	0.0180	0.010	mg/Kg wet	0.0200		90.2		40-160	9.77		20		†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	8.03		20		
1,2-Dichloroethane	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	6.55		20		
1,1-Dichloroethylene	0.0224	0.0040	mg/Kg wet	0.0200		112		70-130	2.26		20		
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	7.21		20		
trans-1,2-Dichloroethylene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130	6.71		20		
1,2-Dichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	8.77		20		
1,3-Dichloropropane	0.0206	0.0010	mg/Kg wet	0.0200		103		70-130	4.48		20		
2,2-Dichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	7.72		20		
1,1-Dichloropropene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	5.59		20		
cis-1,3-Dichloropropene	0.0212	0.0010	mg/Kg wet	0.0200		106		70-130	7.45		20		
trans-1,3-Dichloropropene	0.0236	0.0010	mg/Kg wet	0.0200		118		70-130	8.47		20		
Diethyl Ether	0.0195	0.010	mg/Kg wet	0.0200		97.4		70-130	5.16		20		
Diisopropyl Ether (DIPE)	0.0178	0.0010	mg/Kg wet	0.0200		89.0		70-130	7.82		20		
1,4-Dioxane	0.206	0.10	mg/Kg wet	0.200		103		40-160	**22.7**	*	20	R-05, V-16	†
Ethylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	8.47		20		
Hexachlorobutadiene	0.0263	0.0020	mg/Kg wet	0.0200		**132**	*	70-130	2.15		20	L-07	
2-Hexanone (MBK)	0.213	0.020	mg/Kg wet	0.200		106		40-160	13.9		20		†
Isopropylbenzene (Cumene)	0.0275	0.0020	mg/Kg wet	0.0200		**138**	*	70-130	9.11		20	L-07	
p-Isopropyltoluene (p-Cymene)	0.0262	0.0020	mg/Kg wet	0.0200		**131**	*	70-130	5.57		20	L-07	
Methyl tert-Butyl Ether (MTBE)	0.0194	0.0040	mg/Kg wet	0.0200		97.0		70-130	9.84		20		
Methylene Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.6		70-130	7.83		20		
4-Methyl-2-pentanone (MIBK)	0.202	0.020	mg/Kg wet	0.200		101		40-160	10.9		20		†
Naphthalene	0.0201	0.0040	mg/Kg wet	0.0200		100		70-130	7.76		20		
n-Propylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		122		70-130	7.16		20		
Styrene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	8.54		20		
1,1,1,2-Tetrachloroethane	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130	12.1		20		
1,1,2,2-Tetrachloroethane	0.0206	0.0010	mg/Kg wet	0.0200		103		70-130	9.57		20		
Tetrachloroethylene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	7.72		20		
Tetrahydrofuran	0.0195	0.010	mg/Kg wet	0.0200		97.3		70-130	**23.2**	*	20	R-05, V-16	
Toluene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	5.86		20		
1,2,3-Trichlorobenzene	0.0247	0.0020	mg/Kg wet	0.0200		123		70-130	10.4		20		
1,2,4-Trichlorobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130	6.32		20		
1,1,1-Trichloroethane	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130	7.08		20		
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.0200		99.5		70-130	7.40		20		
Trichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	2.30		20		
Trichlorofluoromethane (Freon 11)	0.0219	0.010	mg/Kg wet	0.0200		110		70-130	0.917		20	V-20	
1,2,3-Trichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	16.0		20		
1,2,4-Trimethylbenzene	0.0250	0.0020	mg/Kg wet	0.0200		125		70-130	7.48		20		
1,3,5-Trimethylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		121		70-130	8.82		20		
Vinyl Chloride	0.0154	0.010	mg/Kg wet	0.0200		76.9		70-130	2.50		20		
m+p Xylene	0.0480	0.0040	mg/Kg wet	0.0400		120		70-130	7.30		20		
o-Xylene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	11.5		20		
Surrogate: 1,2-Dichloroethane-d4	*0.0551*		mg/Kg wet	0.0500		110		70-130					
Surrogate: Toluene-d8	*0.0480*		mg/Kg wet	0.0500		96.0		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0478*		mg/Kg wet	0.0500		95.7		70-130					

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 B039304 - SW-846 3546										
Blank (B039304-BLK1)				Prepared & Analyzed: 10/18/11						
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							R-05
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-19
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							R-05
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							V-06
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							

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 B039304 - SW-846 3546											
Blank (B039304-BLK1)				Prepared & Analyzed: 10/18/11							
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	*5.61*		mg/Kg wet	6.67		84.1	30-130				
Surrogate: Phenol-d6	*5.03*		mg/Kg wet	6.67		75.5	30-130				
Surrogate: Nitrobenzene-d5	*2.81*		mg/Kg wet	3.33		84.4	30-130				
Surrogate: 2-Fluorobiphenyl	*2.97*		mg/Kg wet	3.33		89.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.03*		mg/Kg wet	6.67		90.4	30-130				
Surrogate: Terphenyl-d14	*3.10*		mg/Kg wet	3.33		92.9	30-130				
LCS (B039304-BS1)				Prepared & Analyzed: 10/18/11							
Acenaphthene	1.66	0.17	mg/Kg wet	1.67		99.4	40-140				
Acenaphthylene	1.62	0.17	mg/Kg wet	1.67		97.5	40-140				
Acetophenone	1.43	0.34	mg/Kg wet	1.67		85.6	40-140				
Aniline	1.07	0.34	mg/Kg wet	1.67		64.5	40-140				
Anthracene	1.78	0.17	mg/Kg wet	1.67		107	40-140				
Benzo(a)anthracene	1.71	0.17	mg/Kg wet	1.67		103	40-140				
Benzo(a)pyrene	1.52	0.17	mg/Kg wet	1.67		91.2	40-140				
Benzo(b)fluoranthene	1.52	0.17	mg/Kg wet	1.67		91.1	40-140				
Benzo(g,h,i)perylene	1.39	0.17	mg/Kg wet	1.67		83.5	40-140				
Benzo(k)fluoranthene	1.55	0.17	mg/Kg wet	1.67		93.2	40-140				
Bis(2-chloroethoxy)methane	1.67	0.34	mg/Kg wet	1.67		100	40-140				
Bis(2-chloroethyl)ether	1.46	0.34	mg/Kg wet	1.67		87.7	40-140				
Bis(2-chloroisopropyl)ether	1.38	0.34	mg/Kg wet	1.67		82.5	40-140				
Bis(2-Ethylhexyl)phthalate	1.97	0.34	mg/Kg wet	1.67		118	40-140				
4-Bromophenylphenylether	1.62	0.34	mg/Kg wet	1.67		97.2	40-140				
Butylbenzylphthalate	1.88	0.66	mg/Kg wet	1.67		113	40-140				
4-Chloroaniline	0.996	0.66	mg/Kg wet	1.67		59.7	15-140				†
2-Chloronaphthalene	1.38	0.34	mg/Kg wet	1.67		83.1	40-140				
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.4	30-130				
Chrysene	1.81	0.17	mg/Kg wet	1.67		109	40-140				
Dibenz(a,h)anthracene	1.42	0.17	mg/Kg wet	1.67		85.1	40-140				
Dibenzofuran	1.59	0.34	mg/Kg wet	1.67		95.7	40-140				
Di-n-butylphthalate	1.87	0.34	mg/Kg wet	1.67		112	40-140				
1,2-Dichlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.2	40-140				
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140				
1,4-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		78.9	40-140				
3,3-Dichlorobenzidine	1.36	0.17	mg/Kg wet	1.67		81.5	40-140			R-05	
2,4-Dichlorophenol	1.56	0.34	mg/Kg wet	1.67		93.5	30-130				
Diethylphthalate	1.66	0.34	mg/Kg wet	1.67		99.9	40-140				
2,4-Dimethylphenol	1.56	0.34	mg/Kg wet	1.67		93.6	30-130				
Dimethylphthalate	1.65	0.66	mg/Kg wet	1.67		99.0	40-140				
2,4-Dinitrophenol	1.40	0.66	mg/Kg wet	1.67		84.0	15-140			V-19	†
2,4-Dinitrotoluene	1.60	0.34	mg/Kg wet	1.67		96.2	40-140				
2,6-Dinitrotoluene	1.59	0.34	mg/Kg wet	1.67		95.4	40-140				
Di-n-octylphthalate	1.76	0.66	mg/Kg wet	1.67		105	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.84	0.34	mg/Kg wet	1.67		110	40-140				
Fluoranthene	1.97	0.17	mg/Kg wet	1.67		118	40-140				
Fluorene	1.64	0.17	mg/Kg wet	1.67		98.5	40-140				
Hexachlorobenzene	1.55	0.34	mg/Kg wet	1.67		93.2	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 B039304 - SW-846 3546											
LCS (B039304-BS1)				Prepared & Analyzed: 10/18/11							
Hexachlorobutadiene	1.45	0.34	mg/Kg wet	1.67		86.9	40-140				
Hexachloroethane	1.36	0.34	mg/Kg wet	1.67		81.4	40-140				
Indeno(1,2,3-cd)pyrene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140				
Isophorone	1.62	0.34	mg/Kg wet	1.67		97.1	40-140				
2-Methylnaphthalene	1.45	0.17	mg/Kg wet	1.67		86.8	40-140				
2-Methylphenol	1.34	0.34	mg/Kg wet	1.67		80.5	30-130				
3/4-Methylphenol	1.29	0.34	mg/Kg wet	1.67		77.2	30-130			R-05	
Naphthalene	1.48	0.17	mg/Kg wet	1.67		88.7	40-140				
Nitrobenzene	1.53	0.34	mg/Kg wet	1.67		91.6	40-140				
2-Nitrophenol	1.54	0.34	mg/Kg wet	1.67		92.2	30-130				
4-Nitrophenol	2.16	0.66	mg/Kg wet	1.67		129	15-140			V-06	†
Pentachlorophenol	1.76	0.34	mg/Kg wet	1.67		106	30-130				
Phenanthrene	1.78	0.17	mg/Kg wet	1.67		107	40-140				
Phenol	1.55	0.34	mg/Kg wet	1.67		93.2	15-140				†
Pyrene	1.76	0.17	mg/Kg wet	1.67		105	40-140				
1,2,4-Trichlorobenzene	1.52	0.34	mg/Kg wet	1.67		91.3	40-140				
2,4,5-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		94.9	30-130				
2,4,6-Trichlorophenol	1.66	0.34	mg/Kg wet	1.67		99.5	30-130				
Surrogate: 2-Fluorophenol	*6.25*		mg/Kg wet	6.67		93.7	30-130				
Surrogate: Phenol-d6	*6.22*		mg/Kg wet	6.67		93.3	30-130				
Surrogate: Nitrobenzene-d5	*3.36*		mg/Kg wet	3.33		101	30-130				
Surrogate: 2-Fluorobiphenyl	*3.50*		mg/Kg wet	3.33		105	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.48*		mg/Kg wet	6.67		112	30-130				
Surrogate: Terphenyl-d14	*3.91*		mg/Kg wet	3.33		117	30-130				
LCS Dup (B039304-BSD1)				Prepared & Analyzed: 10/18/11							
Acenaphthene	1.48	0.17	mg/Kg wet	1.67		89.0	40-140	11.1	30		
Acenaphthylene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	12.6	30		
Acetophenone	1.19	0.34	mg/Kg wet	1.67		71.4	40-140	18.1	30		
Aniline	0.851	0.34	mg/Kg wet	1.67		51.0	40-140	23.3	30		
Anthracene	1.57	0.17	mg/Kg wet	1.67		94.5	40-140	12.3	30		
Benzo(a)anthracene	1.54	0.17	mg/Kg wet	1.67		92.6	40-140	10.4	30		
Benzo(a)pyrene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140	14.5	30		
Benzo(b)fluoranthene	1.29	0.17	mg/Kg wet	1.67		77.5	40-140	16.2	30		
Benzo(g,h,i)perylene	1.28	0.17	mg/Kg wet	1.67		76.7	40-140	8.39	30		
Benzo(k)fluoranthene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	18.0	30		
Bis(2-chloroethoxy)methane	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	13.9	30		
Bis(2-chloroethyl)ether	1.34	0.34	mg/Kg wet	1.67		80.4	40-140	8.66	30		
Bis(2-chloroisopropyl)ether	1.24	0.34	mg/Kg wet	1.67		74.3	40-140	10.5	30		
Bis(2-Ethylhexyl)phthalate	1.98	0.34	mg/Kg wet	1.67		119	40-140	0.558	30		
4-Bromophenylphenylether	1.28	0.34	mg/Kg wet	1.67		76.7	40-140	23.6	30		
Butylbenzylphthalate	2.02	0.66	mg/Kg wet	1.67		121	40-140	6.87	30		
4-Chloroaniline	0.830	0.66	mg/Kg wet	1.67		49.8	15-140	18.1	30		†
2-Chloronaphthalene	1.24	0.34	mg/Kg wet	1.67		74.1	40-140	11.4	30		
2-Chlorophenol	1.27	0.34	mg/Kg wet	1.67		76.0	30-130	13.9	30		
Chrysene	1.59	0.17	mg/Kg wet	1.67		95.6	40-140	12.9	30		
Dibenz(a,h)anthracene	1.31	0.17	mg/Kg wet	1.67		78.3	40-140	8.30	30		
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	9.53	30		
Di-n-butylphthalate	1.77	0.34	mg/Kg wet	1.67		106	40-140	5.35	30		
1,2-Dichlorobenzene	1.22	0.34	mg/Kg wet	1.67		73.0	40-140	10.6	30		
1,3-Dichlorobenzene	1.25	0.34	mg/Kg wet	1.67		74.8	40-140	4.67	30		
1,4-Dichlorobenzene	1.21	0.34	mg/Kg wet	1.67		72.7	40-140	8.18	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 B039304 - SW-846 3546										
LCS Dup (B039304-BSD1)				Prepared & Analyzed: 10/18/11						
3,3-Dichlorobenzidine	0.995	0.17	mg/Kg wet	1.67		59.7	40-140	**30.9** *	30	R-05
2,4-Dichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130	19.9	30	
Diethylphthalate	1.68	0.34	mg/Kg wet	1.67		101	40-140	0.976	30	
2,4-Dimethylphenol	1.33	0.34	mg/Kg wet	1.67		79.8	30-130	16.0	30	
Dimethylphthalate	1.53	0.66	mg/Kg wet	1.67		92.0	40-140	7.31	30	
2,4-Dinitrophenol	1.30	0.66	mg/Kg wet	1.67		78.2	15-140	7.15	30	V-19 †
2,4-Dinitrotoluene	1.68	0.34	mg/Kg wet	1.67		101	40-140	4.73	30	
2,6-Dinitrotoluene	1.51	0.34	mg/Kg wet	1.67		90.8	40-140	5.03	30	
Di-n-octylphthalate	1.62	0.66	mg/Kg wet	1.67		97.1	40-140	8.18	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.46	0.34	mg/Kg wet	1.67		87.4	40-140	23.2	30	
Fluoranthene	1.74	0.17	mg/Kg wet	1.67		104	40-140	12.5	30	
Fluorene	1.51	0.17	mg/Kg wet	1.67		90.4	40-140	8.56	30	
Hexachlorobenzene	1.32	0.34	mg/Kg wet	1.67		78.9	40-140	16.6	30	
Hexachlorobutadiene	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	3.42	30	
Hexachloroethane	1.30	0.34	mg/Kg wet	1.67		77.8	40-140	4.57	30	
Indeno(1,2,3-cd)pyrene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140	5.37	30	
Isophorone	1.40	0.34	mg/Kg wet	1.67		84.3	40-140	14.2	30	
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	17.6	30	
2-Methylphenol	1.17	0.34	mg/Kg wet	1.67		70.4	30-130	13.3	30	
3/4-Methylphenol	0.941	0.34	mg/Kg wet	1.67		56.4	30-130	**31.0** *	30	R-05
Naphthalene	1.33	0.17	mg/Kg wet	1.67		79.9	40-140	10.5	30	
Nitrobenzene	1.36	0.34	mg/Kg wet	1.67		81.6	40-140	11.6	30	
2-Nitrophenol	1.34	0.34	mg/Kg wet	1.67		80.2	30-130	13.9	30	
4-Nitrophenol	2.09	0.66	mg/Kg wet	1.67		126	15-140	2.96	30	V-06 †
Pentachlorophenol	1.42	0.34	mg/Kg wet	1.67		85.3	30-130	21.4	30	
Phenanthrene	1.56	0.17	mg/Kg wet	1.67		93.3	40-140	13.5	30	
Phenol	1.24	0.34	mg/Kg wet	1.67		74.3	15-140	22.6	30	†
Pyrene	2.02	0.17	mg/Kg wet	1.67		121	40-140	14.1	30	
1,2,4-Trichlorobenzene	1.35	0.34	mg/Kg wet	1.67		80.8	40-140	12.2	30	
2,4,5-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.2	30-130	15.6	30	
2,4,6-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		87.1	30-130	13.3	30	
Surrogate: 2-Fluorophenol	*5.37*		mg/Kg wet	6.67		80.5	30-130			
Surrogate: Phenol-d6	*4.99*		mg/Kg wet	6.67		74.8	30-130			
Surrogate: Nitrobenzene-d5	*2.94*		mg/Kg wet	3.33		88.1	30-130			
Surrogate: 2-Fluorobiphenyl	*3.09*		mg/Kg wet	3.33		92.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.30*		mg/Kg wet	6.67		110	30-130			
Surrogate: Terphenyl-d14	*4.46*		mg/Kg wet	3.33		**134** *	30-130			S-07

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039320 - SW-846 3546										
Blank (B039320-BLK1)				Prepared: 10/18/11 Analyzed: 10/24/11						
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.171*		mg/Kg wet	0.200		85.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		88.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.1	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039320 - SW-846 3546										
LCS (B039320-BS1)				Prepared: 10/18/11 Analyzed: 10/24/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Aldrin [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
alpha-BHC	0.022	0.0050	mg/Kg wet	0.0200		112	40-140			
alpha-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
beta-BHC	0.021	0.0050	mg/Kg wet	0.0200		106	40-140			
beta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
delta-BHC	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
delta-BHC [2C]	0.021	0.0050	mg/Kg wet	0.0200		103	40-140			
gamma-BHC (Lindane)	0.021	0.0020	mg/Kg wet	0.0200		105	40-140			
gamma-BHC (Lindane) [2C]	0.021	0.0020	mg/Kg wet	0.0200		105	40-140			
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		108	40-140			
4,4'-DDD [2C]	0.022	0.0040	mg/Kg wet	0.0200		112	40-140			
4,4'-DDE	0.021	0.0040	mg/Kg wet	0.0200		107	40-140			
4,4'-DDE [2C]	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
4,4'-DDT	0.020	0.0040	mg/Kg wet	0.0200		100	40-140			
4,4'-DDT [2C]	0.020	0.0040	mg/Kg wet	0.0200		98.2	40-140			
Dieldrin	0.022	0.0040	mg/Kg wet	0.0200		109	40-140			
Dieldrin [2C]	0.021	0.0040	mg/Kg wet	0.0200		106	40-140			
Endosulfan I	0.024	0.0050	mg/Kg wet	0.0200		119	40-140			
Endosulfan I [2C]	0.024	0.0050	mg/Kg wet	0.0200		121	40-140			
Endosulfan II	0.021	0.0080	mg/Kg wet	0.0200		105	40-140			
Endosulfan II [2C]	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endosulfan Sulfate	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Endosulfan Sulfate [2C]	0.021	0.0080	mg/Kg wet	0.0200		107	40-140			
Endrin	0.022	0.0080	mg/Kg wet	0.0200		110	40-140			
Endrin [2C]	0.022	0.0080	mg/Kg wet	0.0200		111	40-140			
Endrin Ketone	0.020	0.0080	mg/Kg wet	0.0200		101	40-140			
Endrin Ketone [2C]	0.021	0.0080	mg/Kg wet	0.0200		104	40-140			
Heptachlor	0.021	0.0050	mg/Kg wet	0.0200		107	40-140			
Heptachlor [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Heptachlor Epoxide	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Heptachlor Epoxide [2C]	0.022	0.0050	mg/Kg wet	0.0200		109	40-140			
Hexachlorobenzene	0.022	0.0050	mg/Kg wet	0.0200		108	40-140			
Hexachlorobenzene [2C]	0.020	0.0050	mg/Kg wet	0.0200		99.0	40-140			
Methoxychlor	0.021	0.050	mg/Kg wet	0.0200		106	40-140			
Methoxychlor [2C]	0.022	0.050	mg/Kg wet	0.0200		109	40-140			
Surrogate: Decachlorobiphenyl	*0.175*		mg/Kg wet	0.200		87.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.184*		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg wet	0.200		94.9	30-150			
LCS Dup (B039320-BSD1)				Prepared: 10/18/11 Analyzed: 10/24/11						
Aldrin	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	4.39	30	
Aldrin [2C]	0.023	0.0050	mg/Kg wet	0.0200		114	40-140	4.43	30	
alpha-BHC	0.023	0.0050	mg/Kg wet	0.0200		117	40-140	4.21	30	
alpha-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	4.65	30	
beta-BHC	0.022	0.0050	mg/Kg wet	0.0200		111	40-140	4.44	30	
beta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	4.27	30	
delta-BHC	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	5.17	30	
delta-BHC [2C]	0.022	0.0050	mg/Kg wet	0.0200		108	40-140	4.69	30	
gamma-BHC (Lindane)	0.022	0.0020	mg/Kg wet	0.0200		109	40-140	4.44	30	
gamma-BHC (Lindane) [2C]	0.022	0.0020	mg/Kg wet	0.0200		110	40-140	4.50	30	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B039320 - SW-846 3546										
LCS Dup (B039320-BSD1)				Prepared: 10/18/11 Analyzed: 10/24/11						
4,4'-DDD	0.022	0.0040	mg/Kg wet	0.0200		110	40-140	1.08	30	
4,4'-DDD [2C]	0.023	0.0040	mg/Kg wet	0.0200		117	40-140	3.86	30	
4,4'-DDE	0.022	0.0040	mg/Kg wet	0.0200		111	40-140	3.69	30	
4,4'-DDE [2C]	0.023	0.0040	mg/Kg wet	0.0200		113	40-140	3.28	30	
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		105	40-140	4.54	30	
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		104	40-140	5.36	30	
Dieldrin	0.023	0.0040	mg/Kg wet	0.0200		113	40-140	3.81	30	
Dieldrin [2C]	0.022	0.0040	mg/Kg wet	0.0200		110	40-140	3.55	30	
Endosulfan I	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	5.07	30	
Endosulfan I [2C]	0.023	0.0050	mg/Kg wet	0.0200		115	40-140	5.25	30	
Endosulfan II	0.020	0.0080	mg/Kg wet	0.0200		102	40-140	2.87	30	
Endosulfan II [2C]	0.022	0.0080	mg/Kg wet	0.0200		112	40-140	4.29	30	
Endosulfan Sulfate	0.022	0.0080	mg/Kg wet	0.0200		108	40-140	4.16	30	
Endosulfan Sulfate [2C]	0.022	0.0080	mg/Kg wet	0.0200		111	40-140	3.82	30	
Endrin	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	4.58	30	
Endrin [2C]	0.023	0.0080	mg/Kg wet	0.0200		115	40-140	3.61	30	
Endrin Ketone	0.021	0.0080	mg/Kg wet	0.0200		106	40-140	4.43	30	
Endrin Ketone [2C]	0.022	0.0080	mg/Kg wet	0.0200		109	40-140	4.05	30	
Heptachlor	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	5.31	30	
Heptachlor [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	4.73	30	
Heptachlor Epoxide	0.022	0.0050	mg/Kg wet	0.0200		112	40-140	4.03	30	
Heptachlor Epoxide [2C]	0.023	0.0050	mg/Kg wet	0.0200		113	40-140	3.90	30	
Hexachlorobenzene	0.023	0.0050	mg/Kg wet	0.0200		114	40-140	4.76	30	
Hexachlorobenzene [2C]	0.021	0.0050	mg/Kg wet	0.0200		103	40-140	4.00	30	
Methoxychlor	0.022	0.050	mg/Kg wet	0.0200		111	40-140	4.79	30	
Methoxychlor [2C]	0.023	0.050	mg/Kg wet	0.0200		114	40-140	5.01	30	
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg wet	0.200		88.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.187*		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg wet	0.200		93.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		96.2	30-150			

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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 B039321 - SW-846 3546										
Blank (B039321-BLK1)				Prepared: 10/18/11 Analyzed: 10/19/11						
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	*0.180*		mg/Kg wet	0.200		89.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.200*		mg/Kg wet	0.200		99.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg wet	0.200		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.234*		mg/Kg wet	0.200		117	30-150			
LCS (B039321-BS1)				Prepared: 10/18/11 Analyzed: 10/19/11						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.190*		mg/Kg wet	0.200		94.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B039321-BSD1)				Prepared: 10/18/11 Analyzed: 10/19/11						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	5.26	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	5.82	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.5	40-140	6.31	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.7	40-140	6.32	30	
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.191*		mg/Kg wet	0.200		95.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg wet	0.200		97.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.210*		mg/Kg wet	0.200		105	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 B039306 - SW-846 3546											
Blank (B039306-BLK1)				Prepared & Analyzed: 10/18/11							
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet								
Surrogate: o-Terphenyl	*2.58*		mg/Kg wet	3.33		77.5		40-140			
LCS (B039306-BS1)				Prepared & Analyzed: 10/18/11							
TPH C9-C36 Hydrocarbons as Diesel	21.7	8.3	mg/Kg wet	33.3		65.2		40-140			
Surrogate: o-Terphenyl	*2.47*		mg/Kg wet	3.33		74.2		40-140			
LCS Dup (B039306-BSD1)				Prepared & Analyzed: 10/18/11							
TPH C9-C36 Hydrocarbons as Diesel	22.3	8.3	mg/Kg wet	33.3		66.9		40-140	2.59	30	
Surrogate: o-Terphenyl	*2.49*		mg/Kg wet	3.33		74.6		40-140			
Matrix Spike (B039306-MS1)	**Source: 11J0565-04**			Prepared: 10/18/11 Analyzed: 10/19/11							
TPH C9-C36 Hydrocarbons as Diesel	510	190	mg/Kg dry	38.9	757	**-635**	*	40-140			MS-19
Surrogate: o-Terphenyl	*2.11*		mg/Kg dry	3.89		54.2		40-140			
Matrix Spike Dup (B039306-MSD1)	**Source: 11J0565-04**			Prepared: 10/18/11 Analyzed: 10/19/11							
TPH C9-C36 Hydrocarbons as Diesel	594	190	mg/Kg dry	38.9	757	**-418**	*	40-140	15.3	30	MS-19
Surrogate: o-Terphenyl	*2.92*		mg/Kg dry	3.89		75.1		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 B039416 - SW-846 7471										
Blank (B039416-BLK1)				Prepared: 10/19/11 Analyzed: 10/20/11						
Mercury	ND	0.025	mg/Kg wet							
LCS (B039416-BS1)				Prepared: 10/19/11 Analyzed: 10/20/11						
Mercury	0.955	0.093	mg/Kg wet	1.25		76.4	66-132			
LCS Dup (B039416-BSD1)				Prepared: 10/19/11 Analyzed: 10/20/11						
Mercury	0.841	0.090	mg/Kg wet	1.25		67.3	66-132	12.6	30	
Batch B039442 - SW-846 3050B										
Blank (B039442-BLK1)				Prepared: 10/19/11 Analyzed: 10/20/11						
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 (B039442-BS1)				Prepared: 10/19/11 Analyzed: 10/20/11						
Arsenic	119	5.0	mg/Kg wet	109		110	83.2-117.4			
Barium	222	5.0	mg/Kg wet	206		108	83.1-116.9			
Cadmium	86.6	0.50	mg/Kg wet	80.2		108	80.7-119.1			
Chromium	127	1.0	mg/Kg wet	117		109	80.6-119.9			
Lead	76.7	1.5	mg/Kg wet	76.2		101	78.9-121.1			
Selenium	137	10	mg/Kg wet	127		108	79.2-120.3			
Silver	42.9	1.0	mg/Kg wet	41.0		105	66.3-133.7			
LCS (B039442-BS2)				Prepared: 10/19/11 Analyzed: 10/20/11						
Lead	0.836	0.74	mg/Kg wet	0.739		113	80-120			
LCS Dup (B039442-BSD1)				Prepared: 10/19/11 Analyzed: 10/20/11						
Arsenic	117	5.0	mg/Kg wet	109		108	83.2-117.4	1.72	30	
Barium	231	5.0	mg/Kg wet	206		112	83.1-116.9	4.17	30	
Cadmium	86.7	0.50	mg/Kg wet	80.2		108	80.7-119.1	0.133	30	
Chromium	126	1.0	mg/Kg wet	117		108	80.6-119.9	0.761	30	
Lead	76.0	1.5	mg/Kg wet	76.2		99.7	78.9-121.1	0.953	30	
Selenium	137	10	mg/Kg wet	127		108	79.2-120.3	0.0677	30	
Silver	41.7	1.0	mg/Kg wet	41.0		102	66.3-133.7	2.70	30	
Duplicate (B039442-DUP1)	**Source: 11J0565-02**			Prepared: 10/19/11 Analyzed: 10/20/11						
Arsenic	7.68	2.8	mg/Kg dry		6.98			9.54	35	
Barium	537	2.8	mg/Kg dry		459			15.7	35	
Lead	1160	0.83	mg/Kg dry		978			17.3	35	
Silver	1.29	0.55	mg/Kg dry		1.70			27.6	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 B039442 - SW-846 3050B											
Matrix Spike (B039442-MS1)		**Source: 11J0565-02**		Prepared: 10/19/11 Analyzed: 10/20/11							
Arsenic	34.8	2.7	mg/Kg dry	27.4	6.98	101		75-125			
Barium	444	2.7	mg/Kg dry	27.4	459	**-54.7**	*	75-125			MS-19
Lead	1100	0.82	mg/Kg dry	27.4	978	**434**	*	75-125			MS-19
Silver	28.0	0.55	mg/Kg dry	27.4	1.70	96.0		75-125			
Batch B039614 - SW-846 3050B											
Blank (B039614-BLK1)				Prepared: 10/21/11 Analyzed: 10/24/11							
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 (B039614-BS1)				Prepared: 10/21/11 Analyzed: 10/24/11							
Arsenic	121	5.1	mg/Kg wet	109		111		83.2-117.4			
Barium	229	5.1	mg/Kg wet	206		111		83.1-116.9			
Cadmium	88.5	0.51	mg/Kg wet	80.2		110		80.7-119.1			
Chromium	127	1.0	mg/Kg wet	117		109		80.6-119.9			
Lead	77.0	1.5	mg/Kg wet	76.2		101		78.9-121.1			
Selenium	141	10	mg/Kg wet	127		111		79.2-120.3			
Silver	40.7	1.0	mg/Kg wet	41.0		99.2		66.3-133.7			
LCS (B039614-BS2)				Prepared: 10/21/11 Analyzed: 10/24/11							
Lead	0.804	0.74	mg/Kg wet	0.741		109		80-120			
LCS Dup (B039614-BSD1)				Prepared: 10/21/11 Analyzed: 10/24/11							
Arsenic	121	5.0	mg/Kg wet	109		111		83.2-117.4	0.123	30	
Barium	220	5.0	mg/Kg wet	206		107		83.1-116.9	3.91	30	
Cadmium	88.2	0.50	mg/Kg wet	80.2		110		80.7-119.1	0.235	30	
Chromium	126	1.0	mg/Kg wet	117		108		80.6-119.9	0.883	30	
Lead	76.9	1.5	mg/Kg wet	76.2		101		78.9-121.1	0.181	30	
Selenium	140	10	mg/Kg wet	127		110		79.2-120.3	0.390	30	
Silver	41.4	1.0	mg/Kg wet	41.0		101		66.3-133.7	1.81	30	
Duplicate (B039614-DUP1)		**Source: 11J0565-02RE1**		Prepared: 10/21/11 Analyzed: 10/24/11							
Cadmium	2.85	0.27	mg/Kg dry		3.59				23.1	35	
Chromium	32.4	0.54	mg/Kg dry		30.3				6.66	35	
Selenium	ND	5.4	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 B039614 - SW-846 3050B										
Matrix Spike (B039614-MS1)	**Source: 11J0565-02RE1**			Prepared: 10/21/11 Analyzed: 10/24/11						
Cadmium	35.1	0.27	mg/Kg dry	27.5	3.59	115	75-125			
Chromium	60.9	0.55	mg/Kg dry	27.5	30.3	111	75-125			
Selenium	20.7	5.5	mg/Kg dry	27.5	ND	75.4	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 B039397 - % Solids										
Duplicate (B039397-DUP1)	**Source: 11J0565-01**			Prepared: 10/18/11 Analyzed: 10/19/11						
% Solids	81.9		% Wt		88.6			7.86	20	
Batch B039446 - SM18-20 2510B										
Blank (B039446-BLK1)				Prepared & Analyzed: 10/19/11						
Specific conductance	ND	2.0	µmhos/cm							
LCS (B039446-BS1)				Prepared & Analyzed: 10/19/11						
Specific conductance	140	2.0	µmhos/cm	147		97.0	78.2-106			
Duplicate (B039446-DUP2)	**Source: 11J0565-05**			Prepared & Analyzed: 10/19/11						
Specific conductance	8.9	2.0	µmhos/cm		8.8			0.226	19.1	
Batch B039594 - SW-846 9014										
Blank (B039594-BLK1)				Prepared & Analyzed: 10/20/11						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B039594-BS1)				Prepared & Analyzed: 10/20/11						
Reactive Cyanide	10	0.40	mg/Kg	10.0		100	0-200			
Batch B039595 - SW-846 9030A										
Blank (B039595-BLK1)				Prepared & Analyzed: 10/20/11						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B039595-BS1)				Prepared & Analyzed: 10/20/11						
Reactive Sulfide	16	2.0	mg/Kg	15.2		108	0-200			
Batch B039686 - SW-846 1010										
Blank (B039686-BLK1)				Prepared & Analyzed: 10/21/11						
Flashpoint	> 212 °F		°F							
LCS (B039686-BS1)				Prepared & Analyzed: 10/21/11						
Flashpoint	81		°F	81.0		99.5	98.8-101			
LCS Dup (B039686-BSD1)				Prepared & Analyzed: 10/21/11						
Flashpoint	81		°F	81.0		99.5	98.8-101	0.00	1.57	

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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 B039788 - SW-846 3010A										
Blank (B039788-BLK1)				Prepared: 10/24/11 Analyzed: 10/25/11						
Lead	ND	0.010	mg/L							
LCS (B039788-BS1)				Prepared: 10/24/11 Analyzed: 10/25/11						
Lead	0.479	0.010	mg/L	0.500		95.8	80-120			
LCS Dup (B039788-BSD1)				Prepared: 10/24/11 Analyzed: 10/25/11						
Lead	0.470	0.010	mg/L	0.500		94.0	80-120	1.87	20	
Matrix Spike (B039788-MS1)	**Source: 11J0565-01**			Prepared: 10/24/11 Analyzed: 10/25/11						
Lead	2.44	0.010	mg/L	0.500	1.85	117	75-125			

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BREAKDOWN REPORT

Lab Sample ID: **S001185-PEM1** **Analyzed:** **10/24/2011**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	3.37
Endrin [1]	1.25

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	3.07
Endrin [2]	1.28

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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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high 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.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-06	Elevated reporting limit due to high concentration of non-target compounds. MA CAM reporting limit not met.
RL-08	Elevated reporting limit due to sample matrix interference. 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%.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased 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. Increased 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 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Aldrin	CT,NC,NH,NY,ME
Aldrin [2C]	CT,NC,NH,NY,ME
alpha-BHC	CT,NC,NH,NY,ME
alpha-BHC [2C]	CT,NC,NH,NY,ME
beta-BHC	CT,NC,NH,NY,ME
beta-BHC [2C]	CT,NC,NH,NY,ME
delta-BHC	CT,NC,NH,NY,ME
delta-BHC [2C]	CT,NC,NH,NY,ME
gamma-BHC (Lindane)	CT,NC,NH,NY,ME
gamma-BHC (Lindane) [2C]	CT,NC,NH,NY,ME
Chlordane	CT,NC,NH,NY,ME
Chlordane [2C]	CT,NC,NH,NY,ME
4,4'-DDD	CT,NC,NH,NY,ME
4,4'-DDD [2C]	CT,NC,NH,NY,ME
4,4'-DDE	CT,NC,NH,NY,ME
4,4'-DDE [2C]	CT,NC,NH,NY,ME
4,4'-DDT	CT,NC,NH,NY,ME
4,4'-DDT [2C]	CT,NC,NH,NY,ME
Dieldrin	CT,NC,NH,NY,ME
Dieldrin [2C]	CT,NC,NH,NY,ME
Endosulfan I	CT,NC,NH,NY,ME
Endosulfan I [2C]	CT,NC,NH,NY,ME
Endosulfan II	CT,NC,NH,NY,ME
Endosulfan II [2C]	CT,NC,NH,NY,ME
Endosulfan Sulfate	CT,NC,NH,NY,ME
Endosulfan Sulfate [2C]	CT,NC,NH,NY,ME
Endrin	CT,NC,NH,NY,ME
Endrin [2C]	CT,NC,NH,NY,ME
Endrin Ketone	NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Endrin Ketone [2C]	NC
Heptachlor	CT,NC,NH,NY,ME
Heptachlor [2C]	CT,NC,NH,NY,ME
Heptachlor Epoxide	CT,NC,NH,NY,ME
Heptachlor Epoxide [2C]	CT,NC,NH,NY,ME
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NC,NH,NY,ME
Methoxychlor [2C]	CT,NC,NH,NY,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
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
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	CT,NY,NH

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

11J0565

Company Name: TRC
Address: 650 Suffolk St
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: J Robinson

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

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

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

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	# of Containers	** Preservation	***Container Code	VOCs 8260	SVOCs 8270	RCRA & TOTAL METALS	PCBs 8082	PESTICIDES	HERBICIDES	IGNITABILITY / F.P. CORROSIVITY / pH	REACTIVE CYANIDE & SULFIDE	TPH 8100M	CONSULTIVITY	TCLP RCRA & METALS EXTRACT HOLD
								15	5	5	5										
								M/DE	—	—	—										
								V	A[F]	G[4]	G[4]										
01	STKP-D3-10	10-17	1000	✓	VOC	S	4	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	✓	✓
02	STKP-D3-11	10-17	1030	✓	VOC	S	4	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	✓	✓
03	STKP-D3-12	10-17	1105	✓	VOC	S	4	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	✓	✓
04	STKP-D3-13	10-17	1135	✓	VOC	S	4	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	✓	✓
05	STKP-D3-14	10-17	1205	✓	VOC	S	4	✓	✓	✓	✓	✓	✓	H	✓	✓	✓	✓	✓	✓	✓

ANALYSIS REQUESTED

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:
10-17-11 10:51 TR

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: 10-17 1520	
Received by: (signature)	Date/Time: 10-17-11 1520	
Relinquished by: (signature)	Date/Time: 10-17-11 18:00	
Received by: (signature) 2.8°C	Date/Time: 10/17/11 18:00	

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

Detection Limit Requirements
Massachusetts: Comm. 97
Connecticut:
Other: Turnkey NH

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

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene Proficiency Analysis
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) 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.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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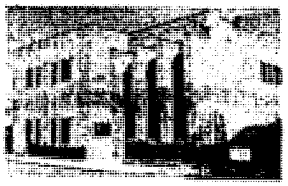

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: C.C-S DATE: 10/17/11

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

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 2.8°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	10
250 mL Amber (8oz amber)	5	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	15	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 5

Bisulfate _____ # DI Water 10

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 10-17-11 18:31 IN

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 #: 11J0565
Project Location: New Bedford, MA	RTN:

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

11J0565-01 thru 11J0565-05

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 (X)	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]
	<u>Data User Note:</u> 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 Director

Printed Name: Michael A. Erickson Date: 10/25/11

Stump

con-test®
ANALYTICAL LABORATORY
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January 9, 2012

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

Project Location: New Bedford
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 11L1085

Enclosed are results of analyses for samples received by the laboratory on December 30, 2011. 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: 1/9/2012

PURCHASE ORDER NUMBER: 35060

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L1085

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Composite (90:10)	11L1085-03	Product/Solid		SM 2540G SW-846 6010C	

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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 lead was requested and reported.

SW-846 6010C

Qualifications:

The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be biased on the high side.

Analyte & Samples(s) Qualified:

Lead

11L1085-03[Composite (90:10)], B043978-BS2

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

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

Project Location: New Bedford | Sample Description: | Work Order: 11L1085

Date Received: 12/30/2011

Field Sample #: Composite (90:10) | Sampled: 12/30/2011 00:00

Sample ID: 11L1085-03

Sample Matrix: Product/Solid

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	66	0.74	mg/Kg	1	M-10	SW-846 6010C	1/6/12	1/9/12 10:44	OP

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Project Location: New Bedford | Sample Description: | Work Order: 11L1085

Date Received: 12/30/2011

Field Sample #: Composite (90:10) | Sampled: 12/30/2011 00:00

Sample ID: 11L1085-03

Sample Matrix: Product/Solid

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	65.7		% Wt	1		SM 2540G	1/3/12	1/4/12 1:24	ESH

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11L1085-03 [Composite (90:10)]	B043770	01/03/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11L1085-03 [Composite (90:10)]	B043978	1.01	50.0	01/06/12

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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 B043978 - SW-846 3050B											
Blank (B043978-BLK1)				Prepared: 01/06/12 Analyzed: 01/09/12							
Lead	ND	0.75	mg/Kg								
LCS (B043978-BS1)				Prepared: 01/06/12 Analyzed: 01/09/12							
Lead	81.5	1.5	mg/Kg	76.2		107		78.9-121.1			
LCS (B043978-BS2)				Prepared: 01/06/12 Analyzed: 01/09/12							
Lead	0.944	0.74	mg/Kg	0.740		**128**	*	80-120			M-10
LCS Dup (B043978-BSD1)				Prepared: 01/06/12 Analyzed: 01/09/12							
Lead	83.0	1.5	mg/Kg	76.2		109		78.9-121.1	1.78	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 B043770 - % Solids										
Duplicate (B043770-DUP1)	**Source: 11L1085-03**		Prepared: 01/03/12 Analyzed: 01/04/12							
% Solids	66.4		% Wt		65.7			1.06	20	

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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.
M-10	The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be biased on the high side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Product/Solid	
Lead	CT,NH,NY,ME,NC

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page_____of_____

1L1085

Company Name: TRC Environmental
Address: 650 Suffolk Street Lowell MA 01854
Attention: David Sullivan
Project Location: New Bedford
Sampled By: J Rahaman

Telephone: 978-970-5600
Project # 115058
Client PO# 36222

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

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

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	# of Containers: 2	2	1								
								** Preservation: -	-	-								
								***Container Code: A	A	A								
								ANALYSIS REQUESTED: TOTAL LEAD	TCLP LEAD	PCBs								
01	STUMP-ROOT-1	12.30.11	0955	✓		S	G	X	Hold		- hold	⊗						
02	ROOT-SOIL-1	12.30.11	1130	✓		S	G	X	Hold	X	- hold	⊗						
03	Composite (90:10)							X										
⊗	Hold all other analysis per Jeff S - HF							1/3/12										
⊗	Composite 90% of -01 and 10% of -02 for total lead analysis per Jeff S. - HF 1/3/12																	

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 prepare one composite sample of wood fiber and soil in the proportion 90:10 wood:soil by weight. Analyze for Total lead, and, if total lead is greater than 100 mg/kg run for TCLP lead. Also analyze just soil for PCBs

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:
	12.30.11 1630
Received by: (signature)	Date/Time:
	12/30/11 1630
Relinquished by: (signature)	Date/Time:
	12/30/11 1930
Received by: (signature)	Date/Time:
	12/30 1820

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 day
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 Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURN AROUND TIME (business days) 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.

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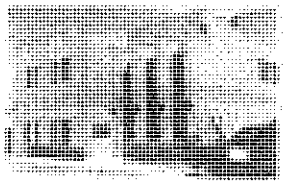

Sample Receipt Checklist

CLIENT NAME: TRC Environmental RECEIVED BY: SD DATE: 12/3/11

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

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 4.6

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) 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	3
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	2	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

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) _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 11L1085
Project Location: New Bedford	RTN:

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

11L1085-03

Matrices: Product/Solid Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	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 ( )	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 ( )	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]
	<u>Data User Note:</u> 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: 01/09/12

APPENDIX G

Clean Harbors Environmental Services Soil Stabilization Work Plan

NEW BEDFORD HIGH SCHOOL
SOIL TREATMENT & DISPOSAL
SOIL STABILIZATION WORK PLAN

AUGUST 2011

BY:

Clean Harbors Environmental Services, Inc.

EN3636882

TABLE OF CONTENTS

Section ***Page***

ATTACHMENTS:

1.0 Introduction

This plan covers the treatment (stockpile "C") and loading, transportation and disposal of stockpiles A, B, and C and future soil stockpiles. These stockpiles were/are being generated from remediation excavation activities conducted at the New Bedford High School in New Bedford, MA. Soil stockpiles are located at the City's Transfer Station at 1103 Shawmut Avenue, New Bedford, MA.

This plan primarily concerns stockpile "C" which requires treatment (stabilization to reduce leachability) of the lead. This plan may adequately cover stockpiles yet to be generated, depending on analytic results.

2.0 Mix Design

The following mix design plan will be used to stabilize the lead in stockpile C.

2.1 Proposed Reagents

The proposed stabilization agent is Enviroblend 90/10 Coarse with an add rate of 2% by weight. This material is a product of:

Premier Magnesia, LLC
300 Barr Harbor Drive, Suite 250
West Conshohocken, PA.

2.2 Water Add Rate and Source

At this time no water beyond that required for dust suppression is expected to be added to the stockpile during treatment.

2.3 Dust Suppression Plan

See Appendix C

3.0 Equipment

The following equipment is expected to be needed for the stabilization:

- Excavator with large bucket – For soil Mixing
- Loader – For stockpile management and loading
- Water Trailer – Dust Control

3.1 Mixing Methodology

Mixing will involve the use of and excavator to mix in the proper amount of chemical reagent into stockpile C. Reagent is delivered in 1 ton sacks with a

valve on the bottom. Sack is lifted by excavator and valve is controlled by Field Technician on the ground.

3.2 Mixing Times

Mixing will continue until the mixture appears homogeneous. Average mix time is 400 tons per hour.

3.3 Processing Rate

Production rate is an average of 400 tons per hour.

4.0 Emissions

No emissions beyond possible dust are expected. For dust monitoring and control see Appendix C.

5.0 Treated Soil Sampling

Treated soil samples will be collected and analyzed for TCLP lead. Samples will be collected following the curing time (see Section 6.4)

5.1 Sample Collections

Sample collection will consist of a grab sample placed into a suitable sample container and couriered to GeoLabs in Braintree MA the same day

5.2 Frequency of Sampling

There will be one sample collected for every 250 tons of treated soil.

5.2 Required Analytic Parameters

Samples will be analyzed for TCLP lead only. Turn around time will be accelerated to the minimum possible.

5.4 Disposal Facility

The treated soil is expected to be transported and disposed at Waste Management in Rochester NH.

6.0 Quality Control

6.1 Batch Proportion Control and Documentation

Based on the size of the stockpile to be stabilized for leachable lead it is anticipated that only 1 batch mixing will be required.

6.2 Mixing Time Control and Documentation

Mixing time is anticipated at 400 tons per hour but final mix time will be determined by visual observation of the stockpile soils for a homogeneous mixture. Final mixing time will be recorded on standard worksheet.

6.3 Sample Collection Control and Documentation

Sample collection and control will be documented on a standard chain of custody (COC) provided by either GeoLabs of Clean Harbors.

6.4 Stockpile Curing Time Control and Documentation

The curing time for the add mix is expected to take 1to 2 hours. Documentation of the cure time will be recorded on the daily worksheet.

6.5 Post Treatment Testing Control and Documentation

The documentation of the post treatment testing for TCLP lead will be in the form of a standard report from the testing laboratory with QA/QC analysis of sample, trip blank and surrogate recovery percentages.

7.0 Demobilization

Personnel will be demobilized after mixing and again after loading of the waste. The equipment necessary for loading the waste is expected to stay on site for the period between sampling for post treatment, characterization and loading of the waste. All equipment will be demobilized after loading of the waste.

APPENDIX A
Stabilization Agent MSDS

MATERIAL SAFETY DATA SHEET
PREMIER CHEMICALS MSDS No.: 2650
Date Prepared: 02/08
Phone: PREMIER CHEMICALS: 1-800-227-4287 **This Revision:**
CHEMTREC, 24-Hr Emergency Assistance: 1-800-424-9300

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material / Product Name(s): ENVIRO BLEND®
CAS Number: Mixture
Chemical Family: Inorganic - Mineral
General Use: A varying mix of magnesium oxide and calcium phosphates. Mix ratio depends on customer
requirement and may vary from 1-99. Product used for metal containing waste stabilization.
Manufacturer / Supplier: PREMIER CHEMICALS, LLC
300 Barr Harbor
Suite 250
West Conshohocken, PA 19428-2998

SECTION 2. INGREDIENTS / COMPOSITION

Ingredient name: CAS Number: Percent: IARC/NTP/OSHA: Exposure Limits:
Nonhazardous Ingredients: 99-100 No Nuisance Particulate OSHA
A variable blend of PEL:TWA 15mg/m^3;respirable:
magnesium oxide 1309-48-4 5mg/m^3. ACGIH TLV:TWA
and calcium phosphates 7758-23-8 Total dust:10mg/m^3; respirable
& 7758-87-4 dust: 5mg/m^3.
Phosphoric Acid 7664-38-2 0 - 1 No OSHA PEL:TWA 1.0mg/m^3;
STEL 3.0mg/m^3 as mist.
Quartz* 14808-60-7 <1 Yes ACGIH TLV:TWA respirable
quartz 0.05mg/m^3.
***Quartz.** Product may contain a trace of quartz, a polymorph of crystalline silica, which is classified by IARC as a
"Known Human Carcinogen - Group 1.". NTP lists respirable crystalline silica amongst substances which may
"reasonably be anticipated to be carcinogens".

SECTION 3. HAZARDS IDENTIFICATION

HMIS
HEALTH HAZARD 1 - SLIGHT
FLAMMABILITY HAZARD 0 - MINIMAL
REACTIVITY HAZARD 1 - SLIGHT
PERSONAL PROTECTION B - Glasses, Gloves

EMERGENCY OVERVIEW:

Off-white to gray free flowing powder. Blends high in magnesium oxide. Will react with water generating some heat.
Not a fire or spill hazard. Low toxicity. Dust is classified as a "nuisance particulate not otherwise regulated".
Target Organs: Chronic overexposure may cause lung damage.
Primary route(s) of entry: Inhalation
Acute effects: Excessive exposure to airborne particulate may cause eye and upper respiratory irritation.

Chronic effects: Product dust is classified as a “nuisance particulate, not otherwise regulated” as specified by
ACGIH and OSHA. The excessive, long-term inhalation of mineral dusts may contribute to the development of industrial bronchitis, reduced breathing capacity, and may lead to the increased susceptibility to lung disease.
Page 1 --- HAZARD IDENTIFICATION continues on page 2 --- Page 1

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HAZARD IDENTIFICATION continued from page 1

Signs & symptoms of overexposure:
Eye contact: Particulate is a physical eye irritant.
Skin contact: Low toxicity by skin contact.
Inhalation: Chronic overexposure by inhalation of airborne particulate may irritate upper respiratory system as
well as the throat.
Ingestion: An unlikely route of exposure. If ingested in sufficient quantity, may cause gastrointestinal
disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

SECTION 4. FIRST AID MEASURES

Eye contact: Flush eyes, including under the eyelids, with large amounts of water. If irritation persists, seek medical attention.
Skin contact: Wash affected areas with mild soap and water.
Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.
Ingestion: Ingestion is an unlikely route of exposure. If ingested in sufficient quantity and victim is conscious, give 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Leave decision to induce vomiting to qualified medical personnel, since particles may be aspirated into the lungs. Seek immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

NFPA code: Flammability: 0 , **Health:** 0 , **Reactivity:** 1 , **Special:** 0 .
Flash point: Not Combustible
Unusual Fire Hazard / Extinguishing Media: Product will react with water generating some heat. Use sufficient
water to dissipate any excessive heat buildup.
Hazardous Decomposition Products: None
Firefighting Instructions: Firefighters should wear NIOSH-approved, positive pressure, self-contained breathing
apparatus and full protective clothing when appropriate.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill procedures: Product is not harmful to the environment. Carefully, clean up and place spilled material into a
suitable container, being careful to avoid creating excessive dust. If conditions warrant, clean up personnel should
wear approved respiratory protection, gloves, and goggles to prevent irritation from contact and/or inhalation.

SECTION 7. HANDLING AND STORAGE

Storage: Store in dry, protected storage. Do not allow water to get inside containers; reaction with water will cause
product to swell, generate heat, and burst its container. Exposed and unprotected the product will absorb
moisture from the air. Minimize dust generation during material handling and transfer.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls: Provide sufficient ventilation, in both volume and air flow patterns to control mist/dust
concentrations below allowable exposure limits.
Personal protective equipment: The use of eye protection, gloves and long sleeve clothing is recommended.
Respiration protection: Provide workers with NIOSH approved respirators in accordance with requirements of
29 CFR 1910.134 for level of exposure incurred.
Hygienic Practices: Avoid contact with skin eyes and clothing. After handling this product, wash hands before
eating or drinking.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A grayish-brown free flowing powder; odorless.
Boiling Point: Not Applicable **Specific Gravity (g/cc):** Mixture
Melting Point: >3800°F (>2100°C) **% Volatile by volume:** 0
Water Solubility: Slight <1% **Evaporation rate:** Not Applicable
pH (10% aqueous slurry): 2.5-10 (depending on blend ratio)
Bulk Density (lbs./cu.ft.): 45-70 (depending on blend ratio)

SECTION 10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur
Chemical Incompatibilities: The magnesium oxide component is soluble in aqueous acids generating heat and
steam; violent reaction or ignition with interhalogens (e.g., bromine pentifluoride; chlorine trifluoride).
Incandescent reaction with phosphorus pentachloride. Will react with water generating some heat.
Hazardous Decomposition Products: None

SECTION 11. TOXICOLOGICAL INFORMATION

Magnesium Oxide CAS #1309-48-4 Toxic and Hazard Review: low toxicity - a nutrient and/or dietary supplement food
additive. THERAP CAT: antacid. (Sax) an experimental tumorigen. Inhalation of fume (not MgO dust particular)
produced upon decomposition of magnesium compounds can produce a febrile reaction and leukocytosis in
humans.
TOXICITY DATA: ihl-hmn TCLo:400mg/m_3; itr-ham TDLo:480 mg/kg/30w-I:ETA.
Triple Super Phosphate CAS#65996-95-4. Produced by addition of phosphoric acid to phosphate rock. Can contain
up to 1% phosphoric acid. Phosphoric acid is cited as a human poison by unspecified route. Moderately toxic by
ingestion and skin contact. A corrosive irritant to eyes, skin and mucous membranes and a systemic irritant by
inhalation. (Please note, any free phosphoric acid in the triple super phosphate will react with the magnesium
oxide component of the product forming a magnesium phosphate - the product will not contain any free acid.)
TOXICITY DATA: No LD_{50} or LC_{50} found for oral, dermal, or inhalation routes of administration.
Quartz CAS #14808-60-7. Toxic and Hazard Review (Sax): Experimental poison by inratracheal and intravenous

routes. An experimental carcinogen, tumorigen, and neoplastigen. Human systemic effects by inhalation: cough,
dyspnea, liver effects. Listed by IARC as a “Known Human Carcinogen” Group 1. Listed by NTP. No LD_{50} in
RTECS. Inhalation human: TCLo 16 million particles per cubic centimeter per 8 hours per 17.9 Years-Intermittent::
Pulmonary system effects; Inhalation-human LCLo: 300 micrograms/m_3 per 10 years-intermittent liver. Other
species toxicity data (NIOSH RTECS): intravenous-rat LDLo: 90mg/kg; intraperitoneal-rat LDLo: 20mg/kg;
intravenous-mouse LDLo: 40mg/kg; intravenous-dog LDLo: 20mg/kg.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological / Chemical Fate Information:
No data available on any adverse effects of this material on the environment.
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SECTION 13. DISPOSAL INFORMATION

Waste Management/Disposal: This product, as manufactured will not exhibit any characteristics of a hazardous
waste, and is suitable for landfill disposal. Please be advised, however, that state and local requirements for
waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local
regulations regarding the proper disposal of this material. If, however, the product has been altered or
contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine the
proper method for disposal. Waste characterization and disposal/treatment methods should be determined by a
qualified environmental professional in accordance with applicable federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

US Department of Transportation: Not regulated by DOT as a hazardous material. No hazard class, no label or
placard required, no UN or NA number assigned.
Canadian TDG Hazard Class & Pin: Not regulated.

SECTION 15. REGULATORY INFORMATION

Product or components of mixture regulated under following lists:
SARA TITLE III:
Section 302: NO (Extremely Hazardous Substances)
Section 304: NO (Emergency Release)
Section 311: YES (*Community Right-to-Know*, MSDSs or List of Chemicals)
Section 312: YES (*Community Right-to-Know*, Inventory and Location, (Tier I/II))
Section 313: NO (Toxic Chemicals, Toxic Chemical Release Reporting, Form R)
TSCA: All substances in this product are listed in the Chemical Substance Inventory of the Toxic Substances Control
Act.
CERCLA Hazardous Substance List, RQ: No
California Proposition 65: This product contains chemicals known to the State of California to cause cancer, birth
defects or other reproductive toxins.

SECTION 16. OTHER INFORMATION

ACRONYMS AND REFERENCES USED IN PREPARATION OF MSDS':

ACGIH: American Conference of Governmental Industrial Hygienists
CAS#: CAS Registration Number is an assigned number to identify a material. CAS stands for Chemical Abstracts Service.
CERCLA: Comprehensive Environmental Response, Compensation & Liability Act
EPCRA: Emergency Planning and Community Right-to-Know Act of 1986
HMIS™: Hazardous Materials Identification System (National Paint & Coatings Association)
IARC: International Agency for Research on Cancer
MSHA: Mine Safety and Health Administration

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mg/m^3: Milligrams per cubic meter
NIOSH: National Institute for Occupational Safety and Health
NFPA: National Fire Protection Association
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit (OSHA)
REL: Recommended Exposure Limit (OSHA)
SARA: Superfund Amendments and Reauthorization Act
TITLE III: Emergency Planning and Community Right-to-Know Act
Section 302: Extremely Hazardous Substances
Section 304: Emergency Release
Section 311: *Community Right-to-Know*, MSDSs or List of Chemicals
Section 312: *Community Right-to-Know*, Inventory and Location, (Tier I/II)
Section 313: Toxic Chemicals, Toxic Chemical Release Reporting, Form R
TLV: Threshold Limit Values (ACGIH)
TWA: Time Weighted Average
29CFR1910.134: OSHA Respiratory Protection Standard

REFERENCES:

Sax, N. Irving: Dangerous Properties of Industrial Materials, Ninth Edition, Van Nostrand Reinhold Co., Inc., 1996.
Kirk, R. and Othmer, D., Encyclopedia of Chemical Technology, Third Edition, Wiley-Interscience, New York, NY 1982.
Clansky, K.B., Suspect Chemicals Sourcebook, 1992-2nd Edition, Roytech Publications, Bethesda, Maryland.
Sax, N. Irving and Lewis, R.J. Hawley's Condensed Chemical Dictionary, Eleventh Ed., Van Nostrand Reinhold Co.,
Inc., NY
Manufacturers / Suppliers, Material Safety Data Sheets on Raw Materials Used
American National Standard for Hazardous Industrial Chemicals - Material Safety Data Sheets - Preparation, American
National Standards Institute, Inc., 11 West 42nd St, New York, NY 10036.

Prepared/revised: Mark A. Shand February 14, 2008

APPENDIX B
Stockpile Location Map


Stockpile
Stockpile
Stockpile
Stockpile
Stockpile
Google

APPENDIX C
Dust Control Plan

DUST CONTROL PLAN

DUST CONTROL

Table of Contents

1.0 Introduction

The following plan outlines methods for the control of dust at the New Bedford High School stockpile stabilization site in New Bedford, MA.

2.0 On-site Activities

Clean Harbors has been tasked to stabilize for lead, characterize and dispose of several stockpiles of excavated urban fill from a stockpile area in New Bedford, MA. The soils contain polychlorinated biphenyls (PCBs), metals and SVOCs which will adhere to any generated dusts and so can become a health risk beyond that normally associated with nuisance dust.

Construction activities that may generate dust will include:

- Stabilization of heavy metals in stockpile C
- Stockpiling waste materials
- Loading of waste materials
- Travel of heavy equipment on site

3.0 Sources of Dust

The two major sources of dust that will be generated on site will come from either wind generated dust from unpaved or disturbed surfaces or from the on-site activities as noted in the previous section.

Dust that is generated from by the wind will include stockpiled materials as well as roadways and open staging areas.

The two different sources of dust will be controlled in different ways as outlined in the next section.

4.0 Control Measures

Disturbed surfaces where wind and/or vehicle traffic may allow dust to become airborne due to the effects of the wind will have the dust controlled by the application of an aqueous solution of about 30% calcium chloride. In most cases this will only require a single application but areas that have heavy traffic or become unstable will have as many re-applications of the solution as needed to maintain the level of dust below the levels dictated by the Site Specific Health and Safety Plan (SSH&SP).

Areas of active construction and stockpiled/containerized waste will have the dust controlled by the application of water spray. In most cases this will involve the use of a water trailer. The frequency of water application will depend on site conditions and the air monitoring results.

Additional measures that will be taken to reduce the production of dust will include:

- Limit the amount of construction during windy periods
- Limit the amount of equipment traveling during windy periods
- Limit the on site speed limit to 5 miles an hour
- Place polyethylene sheeting over and under stockpiled waste
- Cover containerized waste

5.0 Monitoring

During all site activities the site will be visually inspected by the Site Supervisor and/or Site Safety Officer for visual signs of dust. If visual dust is noted then a MIE PDM-3 Miniram (or equivalent) will be used to monitor airborne dust every 15 minutes and recorded along with site conditions, time, and on-going activities.

If the amount of dust recorded is over 10 mg/m^3 corrective action measures will be taken. If the dust concentration exceeds 15 mg/m^3 the action level for PCBs in dust is triggered and either CHES employees must adapt the level of protection or take corrective measures to reduce dust levels.

Monitoring for dust levels using the PDM meter will be conducted immediately downwind at the work zone perimeter for fugitive dust and in the work area in the breathing zone of the "Worst Case" employee for dust borne PCB exposure.

TRC Environmental Corporation will also be performing real time dust monitoring in the stockpile area with three TSI Dustrak ^{TM} units, or equivalent at three locations:

- Upwind
- Downwind
- In the direction of nearest Receptor

If sustained (for 15 minutes or more) dust levels exceed NAAOS of 150 $ug/m^{3,}$ CHES must employ additional dust suppression, temporarily suspend or reduce work, and/or response actions, as approved by TRC.