



ANALYTICAL REPORT

Lab Number:	L1211581
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	125 MAIN ST. SITE
Project Number:	0105-012-003
Report Date:	07/06/12

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211581-01	SS-1	125 MAIN ST.	06/27/12 10:30

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
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Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Organochlorine Pesticides

L1211581-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1211581-01 has elevated detection limits for all analytes, with the exception of Mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 07/06/12

ORGANICS

VOLATILES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 07/05/12 08:46
Analyst: BN
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	28	2.3	1
1,1-Dichloroethane	ND		ug/kg	4.2	0.82	1
Chloroform	ND		ug/kg	4.2	0.90	1
Carbon tetrachloride	ND		ug/kg	2.8	0.59	1
1,2-Dichloropropane	ND		ug/kg	9.7	0.71	1
Dibromochloromethane	ND		ug/kg	2.8	0.86	1
1,1,2-Trichloroethane	ND		ug/kg	4.2	1.1	1
Tetrachloroethene	ND		ug/kg	2.8	0.85	1
Chlorobenzene	ND		ug/kg	2.8	0.52	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.63	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.75	1
Bromodichloromethane	ND		ug/kg	2.8	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.84	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	0.74	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	0.67	1
Benzene	ND		ug/kg	2.8	0.82	1
Toluene	ND		ug/kg	4.2	0.67	1
Ethylbenzene	ND		ug/kg	2.8	0.62	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.6	1.8	1
Vinyl chloride	ND		ug/kg	5.6	2.1	1
Chloroethane	ND		ug/kg	5.6	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.72	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01

Date Collected: 06/27/12 10:30

Client ID: SS-1

Date Received: 06/28/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.6	1.4	1
p/m-Xylene	ND		ug/kg	5.6	1.2	1
o-Xylene	ND		ug/kg	5.6	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.84	1
Dibromomethane	ND		ug/kg	28	1.2	1
Styrene	ND		ug/kg	5.6	2.0	1
Dichlorodifluoromethane	ND		ug/kg	28	1.1	1
Acetone	ND		ug/kg	28	9.0	1
Carbon disulfide	ND		ug/kg	28	1.0	1
2-Butanone	ND		ug/kg	28	11.	1
Vinyl acetate	ND		ug/kg	28	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	28	1.1	1
2-Hexanone	ND		ug/kg	28	1.1	1
Bromochloromethane	ND		ug/kg	14	0.84	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	0.91	1
Bromobenzene	ND		ug/kg	14	0.61	1
n-Butylbenzene	ND		ug/kg	2.8	0.87	1
sec-Butylbenzene	ND		ug/kg	2.8	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
o-Chlorotoluene	ND		ug/kg	14	0.87	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.8	0.49	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.76	1
Acrylonitrile	ND		ug/kg	28	1.0	1
n-Propylbenzene	ND		ug/kg	2.8	0.79	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Diethylbenzene	ND		ug/kg	11	0.56	1
4-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.50	1
Ethyl ether	ND		ug/kg	14	1.0	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01

Date Collected: 06/27/12 10:30

Client ID: SS-1

Date Received: 06/28/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B

Analytical Date: 07/05/12 08:19

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546578-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0



Project Name: 125 MAIN ST. SITE

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B

Analytical Date: 07/05/12 08:19

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546578-3					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94



Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

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Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 07/05/12 08:19
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546578-3					
Isopropyl Ether	ND		ug/kg	10	1.0
tert-Butyl Alcohol	ND		ug/kg	150	3.1
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
Methyl Acetate	ND		ug/kg	50	50.
Ethyl Acetate	ND		ug/kg	50	50.
Acrolein	ND		ug/kg	62	7.5
Cyclohexane	ND		ug/kg	50	50.
1,4-Dioxane	ND		ug/kg	250	44.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	50	0.99
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Tetrahydrofuran	ND		ug/kg	50	2.8
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7
Methyl cyclohexane	ND		ug/kg	10	10.
Ethyl-Tert-Butyl-Ether	ND		ug/kg	10	2.2
Tertiary-Amyl Methyl Ether	ND		ug/kg	10	2.5
Ethyl Alcohol	ND		ug/kg	2500	520

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260B

Analytical Date: 07/05/12 08:19

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
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Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546578-3					
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Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546578-1 WG546578-2								
Methylene chloride	91		102		70-130	11		30
1,1-Dichloroethane	94		107		70-130	13		30
Chloroform	95		106		70-130	11		30
Carbon tetrachloride	95		110		70-130	15		30
1,2-Dichloropropane	94		104		70-130	10		30
Dibromochloromethane	88		94		70-130	7		30
1,1,2-Trichloroethane	91		95		70-130	4		30
Tetrachloroethene	89		103		70-130	15		30
Chlorobenzene	89		100		70-130	12		30
Trichlorofluoromethane	94		112		70-139	17		30
1,2-Dichloroethane	93		100		70-130	7		30
1,1,1-Trichloroethane	94		108		70-130	14		30
Bromodichloromethane	94		103		70-130	9		30
trans-1,3-Dichloropropene	88		95		70-130	8		30
cis-1,3-Dichloropropene	93		101		70-130	8		30
1,1-Dichloropropene	92		109		70-130	17		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	86		88		70-130	2		30
Benzene	94		107		70-130	13		30
Toluene	89		102		70-130	14		30
Ethylbenzene	89		100		70-130	12		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546578-1 WG546578-2								
Chloromethane	98		115		52-130	16		30
Bromomethane	107		133		57-147	22		30
Vinyl chloride	94		113		67-130	18		30
Chloroethane	89		106		50-151	17		30
1,1-Dichloroethene	94		111		65-135	17		30
trans-1,2-Dichloroethene	96		108		70-130	12		30
Trichloroethene	93		108		70-130	15		30
1,2-Dichlorobenzene	86		96		70-130	11		30
1,3-Dichlorobenzene	86		97		70-130	12		30
1,4-Dichlorobenzene	86		97		70-130	12		30
Methyl tert butyl ether	94		99		66-130	5		30
p/m-Xylene	89		101		70-130	13		30
o-Xylene	90		100		70-130	11		30
cis-1,2-Dichloroethene	95		108		70-130	13		30
Dibromomethane	94		100		70-130	6		30
Styrene	89		99		70-130	11		30
Dichlorodifluoromethane	104		125		30-146	18		30
Acetone	108		99		54-140	9		30
Carbon disulfide	95		111		59-130	16		30
2-Butanone	101		95		70-130	6		30
Vinyl acetate	96		98		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546578-1 WG546578-2								
4-Methyl-2-pentanone	93		89		70-130	4		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	88		84		70-130	5		30
Bromochloromethane	97		106		70-130	9		30
2,2-Dichloropropane	93		107		70-130	14		30
1,2-Dibromoethane	91		94		70-130	3		30
1,3-Dichloropropane	89		94		69-130	5		30
1,1,1,2-Tetrachloroethane	88		98		70-130	11		30
Bromobenzene	87		96		70-130	10		30
n-Butylbenzene	85		99		70-130	15		30
sec-Butylbenzene	85		99		70-130	15		30
tert-Butylbenzene	85		98		70-130	14		30
o-Chlorotoluene	87		99		70-130	13		30
p-Chlorotoluene	86		98		70-130	13		30
1,2-Dibromo-3-chloropropane	86		71		68-130	19		30
Hexachlorobutadiene	84		100		67-130	17		30
Isopropylbenzene	88		100		70-130	13		30
p-Isopropyltoluene	84		97		70-130	14		30
Naphthalene	83		85		70-130	2		30
Acrylonitrile	95		95		70-130	0		30
Isopropyl Ether	95		104		66-130	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546578-1 WG546578-2								
tert-Butyl Alcohol	92		80		70-130	14		30
n-Propylbenzene	86		98		70-130	13		30
1,2,3-Trichlorobenzene	84		91		70-130	8		30
1,2,4-Trichlorobenzene	85		94		70-130	10		30
1,3,5-Trimethylbenzene	86		98		70-130	13		30
1,2,4-Trimethylbenzene	85		97		70-130	13		30
Methyl Acetate	91		87		70-130	4		30
Ethyl Acetate	88		86		70-130	2		30
Acrolein	94		91		70-130	3		30
Cyclohexane	102		122		70-130	18		30
1,4-Dioxane	87		83		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	105		126		70-130	18		30
1,4-Diethylbenzene	90		103		70-130	13		30
4-Ethyltoluene	92		105		70-130	13		30
1,2,4,5-Tetramethylbenzene	90		101		70-130	12		30
Tetrahydrofuran	96		91		66-130	5		30
Ethyl ether	93		99		67-130	6		30
trans-1,4-Dichloro-2-butene	82		82		70-130	0		30
Methyl cyclohexane	104		126		70-130	19		30
Ethyl-Tert-Butyl-Ether	94		102		70-130	8		30
Tertiary-Amyl Methyl Ether	94		99		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546578-1 WG546578-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		95		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	103		101		70-130

SEMIVOLATILES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8270C
Analytical Date: 07/03/12 23:55
Analyst: JB
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/03/12 12:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	140	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	53.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	34.	1
2-Chloronaphthalene	ND		ug/kg	180	54.	1
1,2-Dichlorobenzene	ND		ug/kg	180	53.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	65.	1
2,4-Dinitrotoluene	ND		ug/kg	180	54.	1
2,6-Dinitrotoluene	ND		ug/kg	180	60.	1
Fluoranthene	3900		ug/kg	110	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	51.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	46.	1
Hexachlorobutadiene	ND		ug/kg	180	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	140	1
Hexachloroethane	ND		ug/kg	140	26.	1
Isophorone	ND		ug/kg	160	43.	1
Naphthalene	ND		ug/kg	180	58.	1
Nitrobenzene	ND		ug/kg	160	53.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	51.	1
Bis(2-Ethylhexyl)phthalate	140	J	ug/kg	180	37.	1
Butyl benzyl phthalate	ND		ug/kg	180	51.	1
Di-n-butylphthalate	ND		ug/kg	180	31.	1
Di-n-octylphthalate	ND		ug/kg	180	49.	1
Diethyl phthalate	ND		ug/kg	180	31.	1
Dimethyl phthalate	ND		ug/kg	180	30.	1
Benzo(a)anthracene	1400		ug/kg	110	36.	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01

Date Collected: 06/27/12 10:30

Client ID: SS-1

Date Received: 06/28/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	1500		ug/kg	140	43.	1
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	1000		ug/kg	110	28.	1
Chrysene	1800		ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	47.	1
Anthracene	310		ug/kg	110	25.	1
Benzo(ghi)perylene	1200		ug/kg	140	46.	1
Fluorene	120	J	ug/kg	180	33.	1
Phenanthrene	2000		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	1400		ug/kg	140	44.	1
Pyrene	2900		ug/kg	110	30.	1
Biphenyl	ND		ug/kg	410	130	1
4-Chloroaniline	ND		ug/kg	180	61.	1
2-Nitroaniline	ND		ug/kg	180	33.	1
3-Nitroaniline	ND		ug/kg	180	20.	1
4-Nitroaniline	ND		ug/kg	180	110	1
Dibenzofuran	57	J	ug/kg	180	37.	1
2-Methylnaphthalene	ND		ug/kg	220	71.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	58.	1
Acetophenone	ND		ug/kg	180	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	37.	1
2-Chlorophenol	ND		ug/kg	180	57.	1
2,4-Dichlorophenol	ND		ug/kg	160	53.	1
2,4-Dimethylphenol	ND		ug/kg	180	75.	1
2-Nitrophenol	ND		ug/kg	390	130	1
4-Nitrophenol	ND		ug/kg	250	77.	1
2,4-Dinitrophenol	ND		ug/kg	870	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	170	1
Pentachlorophenol	ND		ug/kg	140	43.	1
Phenol	ND		ug/kg	180	57.	1
2-Methylphenol	ND		ug/kg	180	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	42.	1
Benzoic Acid	ND		ug/kg	590	150	1
Benzyl Alcohol	ND		ug/kg	180	42.	1
Carbazole	320		ug/kg	180	29.	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01

Date Collected: 06/27/12 10:30

Client ID: SS-1

Date Received: 06/28/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	25-120
Phenol-d6	24		10-120
Nitrobenzene-d5	23		23-120
2-Fluorobiphenyl	20	Q	30-120
2,4,6-Tribromophenol	29		0-136
4-Terphenyl-d14	26		18-120

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 21:39
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 07/03/12 09:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546117-1					
Acenaphthene	ND		ug/kg	130	35.
Benzidine	ND		ug/kg	540	180
n-Nitrosodimethylamine	ND		ug/kg	330	110
1,2,4-Trichlorobenzene	ND		ug/kg	160	48.
Hexachlorobenzene	ND		ug/kg	98	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	160	49.
1,2-Dichlorobenzene	ND		ug/kg	160	48.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	46.
3,3'-Dichlorobenzidine	ND		ug/kg	160	59.
2,4-Dinitrotoluene	ND		ug/kg	160	49.
2,6-Dinitrotoluene	ND		ug/kg	160	54.
Fluoranthene	ND		ug/kg	98	21.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	29.
4-Bromophenyl phenyl ether	ND		ug/kg	160	34.
Azobenzene	ND		ug/kg	160	33.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	46.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	41.
Hexachlorobutadiene	ND		ug/kg	160	44.
Hexachlorocyclopentadiene	ND		ug/kg	470	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	39.
Naphthalene	ND		ug/kg	160	52.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	41.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	34.
Butyl benzyl phthalate	ND		ug/kg	160	46.
Di-n-butylphthalate	ND		ug/kg	160	28.
Di-n-octylphthalate	ND		ug/kg	160	44.



Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 21:39
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 07/03/12 09:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546117-1					
Diethyl phthalate	ND		ug/kg	160	28.
Dimethyl phthalate	ND		ug/kg	160	27.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	98	29.
Benzo(k)fluoranthene	ND		ug/kg	98	25.
Chrysene	ND		ug/kg	98	26.
Acenaphthylene	ND		ug/kg	130	42.
Anthracene	ND		ug/kg	98	23.
Benzo(ghi)perylene	ND		ug/kg	130	41.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	98	27.
Dibenzo(a,h)anthracene	ND		ug/kg	98	30.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	98	27.
Biphenyl	ND		ug/kg	370	110
Aniline	ND		ug/kg	200	91.
4-Chloroaniline	ND		ug/kg	160	55.
2-Nitroaniline	ND		ug/kg	160	30.
3-Nitroaniline	ND		ug/kg	160	18.
4-Nitroaniline	ND		ug/kg	160	100
Dibenzofuran	ND		ug/kg	160	34.
2-Methylnaphthalene	ND		ug/kg	200	64.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	52.
Acetophenone	ND		ug/kg	160	53.
2,4,6-Trichlorophenol	ND		ug/kg	98	30.
P-Chloro-M-Cresol	ND		ug/kg	160	33.
2-Chlorophenol	ND		ug/kg	160	51.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	160	68.
2-Nitrophenol	ND		ug/kg	350	120



Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 21:39
 Analyst: JB

Extraction Method: EPA 3546
 Extraction Date: 07/03/12 09:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546117-1					
4-Nitrophenol	ND		ug/kg	230	70.
2,4-Dinitrophenol	ND		ug/kg	790	250
4,6-Dinitro-o-cresol	ND		ug/kg	430	150
Pentachlorophenol	ND		ug/kg	130	39.
Phenol	ND		ug/kg	160	51.
2-Methylphenol	ND		ug/kg	160	40.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	71.
2,4,5-Trichlorophenol	ND		ug/kg	160	38.
Benzoic Acid	ND		ug/kg	530	140
Benzyl Alcohol	ND		ug/kg	160	38.
Carbazole	ND		ug/kg	160	26.
Benzaldehyde	ND		ug/kg	220	60.
Caprolactam	ND		ug/kg	160	35.
Atrazine	ND		ug/kg	130	38.
Pyridine	ND		ug/kg	660	120
Parathion, ethyl	ND		ug/kg	160	32.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	94		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546117-2 WG546117-3								
Acenaphthene	80		87		31-137	8		50
Benzidine	52		59			13		50
n-Nitrosodimethylamine	71		72			1		50
1,2,4-Trichlorobenzene	70		76		38-107	8		50
Hexachlorobenzene	81		90		40-140	11		50
Bis(2-chloroethyl)ether	71		78		40-140	9		50
2-Chloronaphthalene	78		85		40-140	9		50
1,2-Dichlorobenzene	72		76		40-140	5		50
1,3-Dichlorobenzene	72		76		40-140	5		50
1,4-Dichlorobenzene	70		74		28-104	6		50
3,3'-Dichlorobenzidine	81		90		40-140	11		50
2,4-Dinitrotoluene	92	Q	103	Q	28-89	11		50
2,6-Dinitrotoluene	84		94		40-140	11		50
Fluoranthene	86		95		40-140	10		50
4-Chlorophenyl phenyl ether	81		91		40-140	12		50
4-Bromophenyl phenyl ether	83		91		40-140	9		50
Azobenzene	80		90		40-140	12		50
Bis(2-chloroisopropyl)ether	75		78		40-140	4		50
Bis(2-chloroethoxy)methane	72		78		40-117	8		50
Hexachlorobutadiene	79		83		40-140	5		50
Hexachlorocyclopentadiene	82		87		40-140	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546117-2 WG546117-3								
Hexachloroethane	73		76		40-140	4		50
Isophorone	72		76		40-140	5		50
Naphthalene	74		80		40-140	8		50
Nitrobenzene	75		82		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		92			9		50
n-Nitrosodi-n-propylamine	72		77		32-121	7		50
Bis(2-Ethylhexyl)phthalate	99		110		40-140	11		50
Butyl benzyl phthalate	93		102		40-140	9		50
Di-n-butylphthalate	95		104		40-140	9		50
Di-n-octylphthalate	106		118		40-140	11		50
Diethyl phthalate	87		97		40-140	11		50
Dimethyl phthalate	84		93		40-140	10		50
Benzo(a)anthracene	86		96		40-140	11		50
Benzo(a)pyrene	88		98		40-140	11		50
Benzo(b)fluoranthene	86		93		40-140	8		50
Benzo(k)fluoranthene	87		101		40-140	15		50
Chrysene	87		95		40-140	9		50
Acenaphthylene	80		88		40-140	10		50
Anthracene	89		98		40-140	10		50
Benzo(ghi)perylene	90		101		40-140	12		50
Fluorene	84		92		40-140	9		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546117-2 WG546117-3								
Phenanthrene	86		96		40-140	11		50
Dibenzo(a,h)anthracene	95		100		40-140	5		50
Indeno(1,2,3-cd)Pyrene	92		103		40-140	11		50
Pyrene	84		94		35-142	11		50
Biphenyl	82		90			9		50
Aniline	53		56		40-140	6		50
4-Chloroaniline	56		60		40-140	7		50
2-Nitroaniline	86		96		47-134	11		50
3-Nitroaniline	64		73		26-129	13		50
4-Nitroaniline	81		87		41-125	7		50
Dibenzofuran	84		91		40-140	8		50
2-Methylnaphthalene	77		82		40-140	6		50
1,2,4,5-Tetrachlorobenzene	80		85		40-117	6		50
Acetophenone	75		82		14-144	9		50
2,4,6-Trichlorophenol	88		95		30-130	8		50
P-Chloro-M-Cresol	86		95		26-103	10		50
2-Chlorophenol	78		83		25-102	6		50
2,4-Dichlorophenol	83		91		30-130	9		50
2,4-Dimethylphenol	78		83		30-130	6		50
2-Nitrophenol	80		83		30-130	4		50
4-Nitrophenol	91		101		11-114	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546117-2 WG546117-3								
2,4-Dinitrophenol	61		66		4-130	8		50
4,6-Dinitro-o-cresol	85		93		10-130	9		50
Pentachlorophenol	92		100		17-109	8		50
Phenol	76		82		26-90	8		50
2-Methylphenol	75		82		30-130	9		50
3-Methylphenol/4-Methylphenol	80		86		30-130	7		50
2,4,5-Trichlorophenol	86		97		30-130	12		50
Benzoic Acid	11		12			9		50
Benzyl Alcohol	74		78		40-140	5		50
Carbazole	86		97		54-128	12		50
Benzaldehyde	56		58			4		50
Caprolactam	83		93			11		50
Atrazine	127		140			10		50
Pyridine	61		66		10-93	8		50
Parathion, ethyl	109		122		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546117-2 WG546117-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		84		25-120
Phenol-d6	81		86		10-120
Nitrobenzene-d5	75		77		23-120
2-Fluorobiphenyl	78		83		30-120
2,4,6-Tribromophenol	102		110		0-136
4-Terphenyl-d14	95		103		18-120

PCBS

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 07/02/12 20:50
Analyst: BA
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 06/29/12 17:21
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/01/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/01/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.5	7.21	1
Aroclor 1221	ND		ug/kg	36.5	11.0	1
Aroclor 1232	ND		ug/kg	36.5	7.76	1
Aroclor 1242	ND		ug/kg	36.5	6.93	1
Aroclor 1248	ND		ug/kg	36.5	4.42	1
Aroclor 1254	ND		ug/kg	36.5	5.76	1
Aroclor 1260	40.7		ug/kg	36.5	6.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	71		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	75		30-150

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
 Analytical Date: 07/02/12 21:15
 Analyst: BA

Extraction Method: EPA 3546
 Extraction Date: 06/29/12 17:21
 Cleanup Method1: EPA 3665A
 Cleanup Date1: 07/01/12
 Cleanup Method2: EPA 3660B
 Cleanup Date2: 07/01/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG545602-1					
Aroclor 1016	ND		ug/kg	32.9	6.50
Aroclor 1221	ND		ug/kg	32.9	9.92
Aroclor 1232	ND		ug/kg	32.9	6.99
Aroclor 1242	ND		ug/kg	32.9	6.24
Aroclor 1248	ND		ug/kg	32.9	3.98
Aroclor 1254	ND		ug/kg	32.9	5.18
Aroclor 1260	ND		ug/kg	32.9	5.71

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		30-150
Decachlorobiphenyl	71		30-150
2,4,5,6-Tetrachloro-m-xylene	93		30-150
Decachlorobiphenyl	95		30-150

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG545602-2 WG545602-3								
Aroclor 1016	65		72		40-140	10		50
Aroclor 1260	65		72		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		74		30-150
Decachlorobiphenyl	60		65		30-150
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150
Decachlorobiphenyl	73		77		30-150

PESTICIDES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/02/12 13:44
Analyst: SH
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/29/12 09:04
Methylation Date: 07/02/12 11:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	183	73.2	1
2,4,5-T	ND		ug/kg	183	52.1	1
2,4,5-TP (Silvex)	ND		ug/kg	183	63.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	114		30-150	A
DCAA	161	Q	30-150	B

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01 **D**
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8081A
Analytical Date: 07/02/12 14:19
Analyst: BW
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 06/29/12 16:44
Cleanup Method1: EPA 3620B
Cleanup Date1: 07/01/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	16.9	3.32	10
Lindane	ND		ug/kg	7.06	3.16	10
Alpha-BHC	ND		ug/kg	7.06	2.00	10
Beta-BHC	ND		ug/kg	16.9	6.42	10
Heptachlor	ND		ug/kg	8.47	3.80	10
Aldrin	ND		ug/kg	16.9	5.96	10
Heptachlor epoxide	ND		ug/kg	31.8	9.53	10
Endrin	ND		ug/kg	7.06	2.89	10
Endrin ketone	ND		ug/kg	16.9	4.36	10
Dieldrin	ND		ug/kg	10.6	5.29	10
4,4'-DDE	ND		ug/kg	16.9	3.92	10
4,4'-DDD	ND		ug/kg	16.9	6.04	10
4,4'-DDT	ND		ug/kg	31.8	13.6	10
Endosulfan I	ND		ug/kg	16.9	4.00	10
Endosulfan II	ND		ug/kg	16.9	5.66	10
Endosulfan sulfate	ND		ug/kg	7.06	3.23	10
Methoxychlor	ND		ug/kg	31.8	9.88	10
Toxaphene	ND		ug/kg	318	88.9	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**SAMPLE RESULTS**

Lab ID: L1211581-01 D
 Client ID: SS-1
 Sample Location: 125 MAIN ST.
 Matrix: Soil
 Analytical Method: 1,8081A
 Analytical Date: 07/02/12 14:19
 Analyst: BW
 Percent Solids: 90%

Date Collected: 06/27/12 10:30
 Date Received: 06/28/12
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 06/29/12 16:44
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 07/01/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
trans-Chlordane	8.82	J	ug/kg	21.2	5.59	10
Chlordane	109	J	ug/kg	138	56.1	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/02/12 11:22
 Analyst: SH

Extraction Method: EPA 8151A
 Extraction Date: 06/29/12 09:04

Methylation Date: 07/02/12 11:31

Parameter	Result	Qualifier	Units	RL	MDL
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG545446-1					
2,4-D	ND		ug/kg	165	66.2
2,4,5-T	ND		ug/kg	165	47.1
2,4,5-TP (Silvex)	ND		ug/kg	165	57.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	115		30-150	A
DCAA	119		30-150	B

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081A
 Analytical Date: 07/02/12 14:32
 Analyst: BW

Extraction Method: EPA 3546
 Extraction Date: 06/29/12 16:44
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 07/01/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG545591-1					
Delta-BHC	ND		ug/kg	1.57	0.308
Lindane	ND		ug/kg	0.656	0.293
Alpha-BHC	ND		ug/kg	0.656	0.186
Beta-BHC	ND		ug/kg	1.57	0.597
Heptachlor	ND		ug/kg	0.787	0.353
Aldrin	ND		ug/kg	1.57	0.554
Heptachlor epoxide	ND		ug/kg	2.95	0.886
Endrin	ND		ug/kg	0.656	0.269
Endrin ketone	ND		ug/kg	1.57	0.406
Dieldrin	ND		ug/kg	0.984	0.492
4,4'-DDE	ND		ug/kg	1.57	0.364
4,4'-DDD	ND		ug/kg	1.57	0.562
4,4'-DDT	ND		ug/kg	2.95	1.27
Endosulfan I	ND		ug/kg	1.57	0.372
Endosulfan II	ND		ug/kg	1.57	0.526
Endosulfan sulfate	ND		ug/kg	0.656	0.300
Methoxychlor	ND		ug/kg	2.95	0.919
Toxaphene	ND		ug/kg	29.5	8.27
cis-Chlordane	ND		ug/kg	1.97	0.548
trans-Chlordane	ND		ug/kg	1.97	0.520
Chlordane	ND		ug/kg	12.8	5.22

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	98		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG545446-2 WG545446-3								
Dicamba	111		109		30-150	2		30
2,4-D	114		115		30-150	1		30
2,4,5-T	106		105		30-150	1		30
2,4,5-TP (Silvex)	102		101		30-150	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	115		111		30-150	A
DCAA	153	Q	143		30-150	B

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG545591-2 WG545591-3								
Delta-BHC	75		77		30-150	3		30
Lindane	70		74		30-150	6		30
Alpha-BHC	72		75		30-150	4		30
Beta-BHC	72		76		30-150	5		30
Heptachlor	77		80		30-150	4		30
Aldrin	78		82		30-150	5		30
Heptachlor epoxide	80		83		30-150	4		30
Endrin	104		106		30-150	2		30
Endrin ketone	92		93		30-150	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG545591-2 WG545591-3								
Dieldrin	90		93		30-150	3		30
4,4'-DDE	83		92		30-150	10		30
4,4'-DDD	91		93		30-150	2		30
4,4'-DDT	82		87		30-150	6		30
Endosulfan I	86		89		30-150	3		30
Endosulfan II	90		92		30-150	2		30
Endosulfan sulfate	112		113		30-150	1		30
Methoxychlor	100		99		30-150	1		30
cis-Chlordane	84		86		30-150	2		30
trans-Chlordane	86		88		30-150	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	A
Decachlorobiphenyl	68		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		61		30-150	B
Decachlorobiphenyl	95		99		30-150	B

METALS

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

SAMPLE RESULTS

Lab ID: L1211581-01
Client ID: SS-1
Sample Location: 125 MAIN ST.
Matrix: Soil
Percent Solids: 90%

Date Collected: 06/27/12 10:30
Date Received: 06/28/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	8.5	1.9	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Antimony, Total	1.5	J	mg/kg	4.2	0.81	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Arsenic, Total	5.4		mg/kg	0.85	0.29	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Barium, Total	65		mg/kg	0.85	0.07	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Beryllium, Total	0.45		mg/kg	0.42	0.03	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Cadmium, Total	0.48	J	mg/kg	0.85	0.05	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Calcium, Total	7600		mg/kg	8.5	1.8	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Chromium, Total	34		mg/kg	0.85	0.17	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Cobalt, Total	5.2		mg/kg	1.7	0.18	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Copper, Total	30		mg/kg	0.85	0.39	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Iron, Total	15000		mg/kg	4.2	1.5	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Lead, Total	120		mg/kg	4.2	0.24	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Magnesium, Total	3200		mg/kg	8.5	3.8	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Manganese, Total	520		mg/kg	0.85	0.09	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Mercury, Total	0.07	J	mg/kg	0.08	0.02	1	07/03/12 11:00	07/03/12 16:54	EPA 7471A	1,7471A	KL
Nickel, Total	13		mg/kg	2.1	0.24	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Potassium, Total	860		mg/kg	210	68.	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Selenium, Total	0.95	J	mg/kg	1.7	0.28	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Silver, Total	0.16	J	mg/kg	0.85	0.14	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Sodium, Total	200		mg/kg	170	67.	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Thallium, Total	ND		mg/kg	1.7	0.53	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Vanadium, Total	20		mg/kg	0.85	0.19	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG
Zinc, Total	110		mg/kg	4.2	0.46	2	07/06/12 08:36	07/06/12 15:15	EPA 3050B	1,6010B	MG



Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG546076-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/03/12 11:00	07/03/12 16:01	1,7471A	KL

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG546686-1										
Aluminum, Total	2.3	J	mg/kg	4.0	0.89	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Antimony, Total	ND		mg/kg	2.0	0.38	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Arsenic, Total	ND		mg/kg	0.40	0.14	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Barium, Total	ND		mg/kg	0.40	0.03	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Beryllium, Total	ND		mg/kg	0.20	0.01	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Calcium, Total	ND		mg/kg	4.0	0.87	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Cobalt, Total	ND		mg/kg	0.80	0.09	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Copper, Total	ND		mg/kg	0.40	0.18	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Iron, Total	ND		mg/kg	2.0	0.69	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Lead, Total	ND		mg/kg	2.0	0.11	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Magnesium, Total	ND		mg/kg	4.0	1.8	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Manganese, Total	ND		mg/kg	0.40	0.04	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Nickel, Total	ND		mg/kg	1.0	0.11	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Potassium, Total	ND		mg/kg	100	32.	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Selenium, Total	ND		mg/kg	0.80	0.13	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Sodium, Total	ND		mg/kg	80	32.	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Thallium, Total	ND		mg/kg	0.80	0.25	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Vanadium, Total	ND		mg/kg	0.40	0.09	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG
Zinc, Total	ND		mg/kg	2.0	0.22	1	07/06/12 08:36	07/06/12 14:52	1,6010B	MG



Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG546076-2 SRM Lot Number: 0518-10-02								
Mercury, Total	108		-		67-133	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG546686-2					
Aluminum, Total	101	-	75-125	-	
Antimony, Total	94	-	75-125	-	
Arsenic, Total	103	-	75-125	-	
Barium, Total	94	-	75-125	-	
Beryllium, Total	97	-	75-125	-	
Cadmium, Total	98	-	75-125	-	
Calcium, Total	93	-	75-125	-	
Chromium, Total	94	-	75-125	-	
Cobalt, Total	99	-	75-125	-	
Copper, Total	102	-	75-125	-	
Iron, Total	98	-	75-125	-	
Lead, Total	100	-	75-125	-	
Magnesium, Total	97	-	75-125	-	
Manganese, Total	99	-	75-125	-	
Nickel, Total	97	-	75-125	-	
Potassium, Total	97	-	75-125	-	
Selenium, Total	98	-	75-125	-	
Silver, Total	98	-	75-125	-	
Sodium, Total	110	-	75-125	-	
Thallium, Total	97	-	75-125	-	
Vanadium, Total	99	-	75-125	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 125 MAIN ST. SITE**Project Number:** 0105-012-003**Lab Number:** L1211581**Report Date:** 07/06/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG546686-2					
Zinc, Total	94	-	75-125	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546076-4 QC Sample: L1211479-11 Client ID: MS Sample												
Mercury, Total	0.85	0.186	1.3	241	Q	-	-		70-130	-		35

Matrix Spike Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546686-4 QC Sample: L1211771-04 Client ID: MS Sample									
Aluminum, Total	6800	171	7500	408	Q	-	75-125	-	35
Antimony, Total	1.9J	42.8	18	42	Q	-	75-125	-	35
Arsenic, Total	3.1	10.3	13	96		-	75-125	-	35
Barium, Total	30.	171	180	88		-	75-125	-	35
Beryllium, Total	0.30	4.28	4.0	86		-	75-125	-	35
Cadmium, Total	ND	4.37	3.7	85		-	75-125	-	35
Calcium, Total	4200	857	3300	0	Q	-	75-125	-	35
Chromium, Total	16.	17.1	34	105		-	75-125	-	35
Cobalt, Total	6.4	42.8	44	88		-	75-125	-	35
Copper, Total	17.	21.4	38	98		-	75-125	-	35
Iron, Total	19000	85.7	22000	3500	Q	-	75-125	-	35
Lead, Total	14.	43.7	50	82		-	75-125	-	35
Magnesium, Total	1900	857	2500	70	Q	-	75-125	-	35
Manganese, Total	320	42.8	380	140	Q	-	75-125	-	35
Nickel, Total	13.	42.8	50	86		-	75-125	-	35
Potassium, Total	1000	857	1900	105		-	75-125	-	35
Selenium, Total	0.35J	10.3	9.1	88		-	75-125	-	35
Silver, Total	ND	25.7	24	93		-	75-125	-	35
Sodium, Total	500	857	1400	105		-	75-125	-	35
Thallium, Total	ND	10.3	9.2	89		-	75-125	-	35
Vanadium, Total	23.	42.8	64	96		-	75-125	-	35

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546686-4 QC Sample: L1211771-04 Client ID: MS Sample									
Zinc, Total	56.	42.8	84	65	Q	-	75-125	-	35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546076-3 QC Sample: L1211479-11 Client ID: DUP Sample						
Mercury, Total	0.85	1.3	mg/kg	42	Q	35

Lab Duplicate Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546686-3 QC Sample: L1211771-04 Client ID: DUP Sample					
Aluminum, Total	6800	6800	mg/kg	0	35
Antimony, Total	1.9J	2.0J	mg/kg	NC	35
Arsenic, Total	3.1	3.4	mg/kg	9	35
Barium, Total	30.	28	mg/kg	7	35
Beryllium, Total	0.30	0.31	mg/kg	3	35
Cadmium, Total	ND	ND	mg/kg	NC	35
Calcium, Total	4200	12000	mg/kg	96	Q 35
Chromium, Total	16.	21	mg/kg	27	35
Cobalt, Total	6.4	6.3	mg/kg	2	35
Copper, Total	17.	18	mg/kg	6	35
Iron, Total	19000	22000	mg/kg	15	35
Lead, Total	14.	10	mg/kg	33	35
Magnesium, Total	1900	8200	mg/kg	125	Q 35
Manganese, Total	320	420	mg/kg	27	35
Nickel, Total	13.	13	mg/kg	0	35
Potassium, Total	1000	1000	mg/kg	0	35
Selenium, Total	0.35J	ND	mg/kg	NC	35
Silver, Total	ND	0.10J	mg/kg	NC	35
Sodium, Total	500	580	mg/kg	15	35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546686-3 QC Sample: L1211771-04 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	23.	28	mg/kg	20	35
Zinc, Total	56.	39	mg/kg	36 Q	35

INORGANICS & MISCELLANEOUS

Project Name: 125 MAIN ST. SITE

Lab Number: L1211581

Project Number: 0105-012-003

Report Date: 07/06/12

SAMPLE RESULTS

Lab ID: L1211581-01

Date Collected: 06/27/12 10:30

Client ID: SS-1

Date Received: 06/28/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	06/29/12 16:45	30,2540G	RD



Lab Duplicate Analysis
Batch Quality Control**Project Name:** 125 MAIN ST. SITE**Project Number:** 0105-012-003**Lab Number:** L1211581**Report Date:** 07/06/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG545582-1 QC Sample: L1211575-03 Client ID: DUP Sample						
Solids, Total	90.	90	%	0		20

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211581

Report Date: 07/06/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211581-01A	Amber 120ml unpreserved	A	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1211581-01B	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1211581-01C	Amber 250ml unpreserved	A	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- | | |
|-----------|---|
| A | - Spectra identified as "Aldol Condensation Product". |
| B | - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. |
| C | - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses. |
| D | - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte. |
| E | - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. |
| G | - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated. |
| H | - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection. |
| I | - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference. |
| M | - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte. |
| NJ | - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search. |

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST. SITE**Lab Number:** L1211581**Project Number:** 0105-012-003**Report Date:** 07/06/12**Data Qualifiers**

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certificate/Approval Program Summary

Last revised May 11, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D, Fecal Coliform-EC Medium 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterolert, E.Coli 9223.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics, Acid Extractables (Phenols), Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.

Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

Drinking Water (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8081B, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. **NELAP Accredited.**
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 3005A, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P, BE. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. **NELAP Accredited via NY-DOH.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commission on Environmental Quality Certificate/Lab ID: T104704476-09-1. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S₂ D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 3005A, 3015, 1312, 6010B, 6010C, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B, 8015B, 8015C.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.

Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:

EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A**: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C**: Methyl naphthalene, Dimethyl naphthalene, Total Methyl naphthalenes, Total Dimethyl naphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625**: 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO₂ in a soil matrix, NO₃ in a soil matrix, SO₄ in a soil matrix. **EPA 9071**: Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 1



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: TurkeyAddress: 2558 Hamburg TurnpikeBuffalo NY 14218Phone: (716) 856-0599Fax: (716) 856-0583

Email:

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.

(Note: All CAM methods for Inorganic analyses require MS every 20 soil samples)

CAT-B

ALPHA Lab ID
(Lab Use Only)

Sample ID

Collection
Date TimeSample
MatrixSampler's
Initials

ANALYSIS

TCL VOC
TCL SVOC
PCBs
Pest
Herb
TAL Metals

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
☐ Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

Date Rec'd in Lab:

6/28/12

ALPHA Job #:

61211581

Report Information - Data Deliverables

☐ FAX
☒ EMAIL

☐ ADEX
☐ Add'l Deliverables

Billing Information

☐ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

CAT-B

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP or CT RCP?

Relinquished By:

Date/Time

Received By:

Date/Time

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1211689
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	125 MAIN ST. SITE
Project Number:	0105-012-003
Report Date:	07/09/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LA000065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211689-01	BCP-MW-5 (4-5')	125 MAIN ST.	06/29/12 10:00

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

The WG547023-1 Method Blank, associated with L1211689-01, has a concentration above the reporting limit for Manganese. Since the associated sample concentration is greater than 10x the blank concentration, no qualification of the results was performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/09/12

ORGANICS

VOLATILES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01
Client ID: BCP-MW-5 (4-5')
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 07/05/12 18:24
Analyst: BN
Percent Solids: 91%

Date Collected: 06/29/12 10:00
Date Received: 06/29/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.4	J	ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.81	1
Chloroform	ND		ug/kg	4.1	0.89	1
Carbon tetrachloride	ND		ug/kg	2.7	0.58	1
1,2-Dichloropropane	ND		ug/kg	9.6	0.70	1
Dibromochloromethane	ND		ug/kg	2.7	0.84	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	1.1	1
Tetrachloroethene	ND		ug/kg	2.7	0.84	1
Chlorobenzene	ND		ug/kg	2.7	0.51	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.74	1
Bromodichloromethane	ND		ug/kg	2.7	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	0.82	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	0.73	1
1,1-Dichloropropene	ND		ug/kg	14	1.2	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	0.66	1
Benzene	ND		ug/kg	2.7	0.82	1
Toluene	ND		ug/kg	4.1	0.66	1
Ethylbenzene	ND		ug/kg	2.7	0.61	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.5	1.8	1
Vinyl chloride	ND		ug/kg	5.5	2.1	1
Chloroethane	ND		ug/kg	5.5	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.71	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	1.1	1
Trichloroethene	ND		ug/kg	2.7	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01
 Client ID: BCP-MW-5 (4-5')
 Sample Location: 125 MAIN ST.

Date Collected: 06/29/12 10:00
 Date Received: 06/29/12
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.5	1.3	1
p/m-Xylene	ND		ug/kg	5.5	1.2	1
o-Xylene	ND		ug/kg	5.5	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.83	1
Dibromomethane	ND		ug/kg	27	1.2	1
Styrene	ND		ug/kg	5.5	2.0	1
Dichlorodifluoromethane	ND		ug/kg	27	1.1	1
Acetone	ND		ug/kg	27	8.9	1
Carbon disulfide	3.8	J	ug/kg	27	1.0	1
2-Butanone	ND		ug/kg	27	11.	1
Vinyl acetate	ND		ug/kg	27	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	27	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	27	1.1	1
2-Hexanone	ND		ug/kg	27	1.1	1
Bromochloromethane	ND		ug/kg	14	0.83	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	0.90	1
Bromobenzene	ND		ug/kg	14	0.60	1
n-Butylbenzene	ND		ug/kg	2.7	0.86	1
sec-Butylbenzene	ND		ug/kg	2.7	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.6	1
o-Chlorotoluene	ND		ug/kg	14	0.86	1
p-Chlorotoluene	ND		ug/kg	14	0.99	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.3	1
Hexachlorobutadiene	ND		ug/kg	14	1.2	1
Isopropylbenzene	ND		ug/kg	2.7	0.49	1
p-Isopropyltoluene	ND		ug/kg	2.7	0.75	1
Acrylonitrile	ND		ug/kg	27	1.0	1
n-Propylbenzene	ND		ug/kg	2.7	0.78	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Diethylbenzene	ND		ug/kg	11	0.55	1
4-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.50	1
Ethyl ether	ND		ug/kg	14	1.0	1

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01

Date Collected: 06/29/12 10:00

Client ID: BCP-MW-5 (4-5')

Date Received: 06/29/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	91		70-130

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 07/05/12 10:45
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546727-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B

Analytical Date: 07/05/12 10:45

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546727-3					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	1.9	J	ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B

Analytical Date: 07/05/12 10:45

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546727-3					
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546727-1 WG546727-2								
Methylene chloride	109		113		70-130	4		30
1,1-Dichloroethane	102		106		70-130	4		30
Chloroform	104		108		70-130	4		30
Carbon tetrachloride	103		111		70-130	7		30
1,2-Dichloropropane	104		108		70-130	4		30
Dibromochloromethane	94		95		70-130	1		30
1,1,2-Trichloroethane	94		97		70-130	3		30
Tetrachloroethene	97		102		70-130	5		30
Chlorobenzene	91		94		70-130	3		30
Trichlorofluoromethane	117		129		70-139	10		30
1,2-Dichloroethane	100		103		70-130	3		30
1,1,1-Trichloroethane	100		106		70-130	6		30
Bromodichloromethane	103		107		70-130	4		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
1,1-Dichloropropene	101		108		70-130	7		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	89		89		70-130	0		30
Benzene	104		109		70-130	5		30
Toluene	93		97		70-130	4		30
Ethylbenzene	89		93		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546727-1 WG546727-2								
Chloromethane	98		106		52-130	8		30
Bromomethane	118		129		57-147	9		30
Vinyl chloride	110		120		67-130	9		30
Chloroethane	116		126		50-151	8		30
1,1-Dichloroethene	110		116		65-135	5		30
trans-1,2-Dichloroethene	105		113		70-130	7		30
Trichloroethene	102		108		70-130	6		30
1,2-Dichlorobenzene	86		88		70-130	2		30
1,3-Dichlorobenzene	86		89		70-130	3		30
1,4-Dichlorobenzene	86		88		70-130	2		30
Methyl tert butyl ether	105		107		66-130	2		30
p/m-Xylene	89		94		70-130	5		30
o-Xylene	88		92		70-130	4		30
cis-1,2-Dichloroethene	103		110		70-130	7		30
Dibromomethane	105		107		70-130	2		30
Styrene	88		91		70-130	3		30
Dichlorodifluoromethane	95		104		30-146	9		30
Acetone	127		142	Q	54-140	11		30
Carbon disulfide	114		121		59-130	6		30
2-Butanone	98		107		70-130	9		30
Vinyl acetate	111		113		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546727-1 WG546727-2								
4-Methyl-2-pentanone	88		91		70-130	3		30
1,2,3-Trichloropropane	90		86		68-130	5		30
2-Hexanone	80		85		70-130	6		30
Bromochloromethane	112		114		70-130	2		30
2,2-Dichloropropane	103		110		70-130	7		30
1,2-Dibromoethane	93		93		70-130	0		30
1,3-Dichloropropane	92		93		69-130	1		30
1,1,1,2-Tetrachloroethane	95		98		70-130	3		30
Bromobenzene	89		89		70-130	0		30
n-Butylbenzene	86		91		70-130	6		30
sec-Butylbenzene	84		90		70-130	7		30
tert-Butylbenzene	83		87		70-130	5		30
o-Chlorotoluene	84		87		70-130	4		30
p-Chlorotoluene	84		86		70-130	2		30
1,2-Dibromo-3-chloropropane	86		100		68-130	15		30
Hexachlorobutadiene	101		105		67-130	4		30
Isopropylbenzene	82		86		70-130	5		30
p-Isopropyltoluene	84		88		70-130	5		30
Naphthalene	84		83		70-130	1		30
Acrylonitrile	108		113		70-130	5		30
n-Propylbenzene	85		89		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546727-1 WG546727-2								
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	92		93		70-130	1		30
1,3,5-Trimethylbenzene	84		88		70-130	5		30
1,2,4-Trimethylbenzene	84		88		70-130	5		30
1,4-Diethylbenzene	79		83		70-130	5		30
4-Ethyltoluene	78		81		70-130	4		30
1,2,4,5-Tetramethylbenzene	79		81		70-130	3		30
Ethyl ether	113		112		67-130	1		30
trans-1,4-Dichloro-2-butene	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	94		91		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01 D
Client ID: BCP-MW-5 (4-5')
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8270C
Analytical Date: 07/03/12 14:56
Analyst: RC
Percent Solids: 91%

Date Collected: 06/29/12 10:00
Date Received: 06/29/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/02/12 18:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	720	190	5
1,2,4-Trichlorobenzene	ND		ug/kg	900	260	5
Hexachlorobenzene	ND		ug/kg	540	140	5
Bis(2-chloroethyl)ether	ND		ug/kg	810	170	5
2-Chloronaphthalene	ND		ug/kg	900	270	5
1,2-Dichlorobenzene	ND		ug/kg	900	260	5
1,3-Dichlorobenzene	ND		ug/kg	900	280	5
1,4-Dichlorobenzene	ND		ug/kg	900	250	5
3,3'-Dichlorobenzidine	ND		ug/kg	900	320	5
2,4-Dinitrotoluene	ND		ug/kg	900	270	5
2,6-Dinitrotoluene	ND		ug/kg	900	290	5
Fluoranthene	ND		ug/kg	540	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	900	160	5
4-Bromophenyl phenyl ether	ND		ug/kg	900	190	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	250	5
Bis(2-chloroethoxy)methane	ND		ug/kg	970	220	5
Hexachlorobutadiene	ND		ug/kg	900	240	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	710	5
Hexachloroethane	ND		ug/kg	720	130	5
Isophorone	ND		ug/kg	810	210	5
Naphthalene	ND		ug/kg	900	280	5
Nitrobenzene	ND		ug/kg	810	260	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	720	220	5
n-Nitrosodi-n-propylamine	ND		ug/kg	900	250	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	900	180	5
Butyl benzyl phthalate	ND		ug/kg	900	250	5
Di-n-butylphthalate	ND		ug/kg	900	150	5
Di-n-octylphthalate	ND		ug/kg	900	240	5
Diethyl phthalate	ND		ug/kg	900	160	5
Dimethyl phthalate	ND		ug/kg	900	150	5
Benzo(a)anthracene	ND		ug/kg	540	180	5

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01 D

Date Collected: 06/29/12 10:00

Client ID: BCP-MW-5 (4-5')

Date Received: 06/29/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	720	210	5
Benzo(b)fluoranthene	ND		ug/kg	540	160	5
Benzo(k)fluoranthene	ND		ug/kg	540	140	5
Chrysene	ND		ug/kg	540	140	5
Acenaphthylene	ND		ug/kg	720	230	5
Anthracene	ND		ug/kg	540	120	5
Benzo(ghi)perylene	ND		ug/kg	720	230	5
Fluorene	ND		ug/kg	900	160	5
Phenanthrene	ND		ug/kg	540	150	5
Dibenzo(a,h)anthracene	ND		ug/kg	540	170	5
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	720	220	5
Pyrene	ND		ug/kg	540	150	5
Biphenyl	ND		ug/kg	2000	620	5
4-Chloroaniline	ND		ug/kg	900	300	5
2-Nitroaniline	ND		ug/kg	900	160	5
3-Nitroaniline	ND		ug/kg	900	100	5
4-Nitroaniline	ND		ug/kg	900	550	5
Dibenzofuran	ND		ug/kg	900	180	5
2-Methylnaphthalene	ND		ug/kg	1100	350	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	900	280	5
Acetophenone	ND		ug/kg	900	290	5
2,4,6-Trichlorophenol	ND		ug/kg	540	160	5
P-Chloro-M-Cresol	ND		ug/kg	900	180	5
2-Chlorophenol	ND		ug/kg	900	280	5
2,4-Dichlorophenol	ND		ug/kg	810	260	5
2,4-Dimethylphenol	ND		ug/kg	900	370	5
2-Nitrophenol	ND		ug/kg	1900	650	5
4-Nitrophenol	ND		ug/kg	1200	380	5
2,4-Dinitrophenol	ND		ug/kg	4300	1400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	850	5
Pentachlorophenol	ND		ug/kg	720	210	5
Phenol	ND		ug/kg	900	280	5
2-Methylphenol	ND		ug/kg	900	220	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	390	5
2,4,5-Trichlorophenol	ND		ug/kg	900	210	5
Benzoic Acid	ND		ug/kg	2900	760	5
Benzyl Alcohol	ND		ug/kg	900	210	5
Carbazole	ND		ug/kg	900	140	5

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01 D

Date Collected: 06/29/12 10:00

Client ID: BCP-MW-5 (4-5')

Date Received: 06/29/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	40		0-136
4-Terphenyl-d14	126	Q	18-120

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 13:14
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/02/12 18:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546001-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	160	48.
Hexachlorobenzene	ND		ug/kg	99	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	160	50.
1,2-Dichlorobenzene	ND		ug/kg	160	48.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	47.
3,3'-Dichlorobenzidine	ND		ug/kg	160	60.
2,4-Dinitrotoluene	ND		ug/kg	160	50.
2,6-Dinitrotoluene	ND		ug/kg	160	54.
Fluoranthene	ND		ug/kg	99	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	29.
4-Bromophenyl phenyl ether	ND		ug/kg	160	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	160	44.
Hexachlorocyclopentadiene	ND		ug/kg	470	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	39.
Naphthalene	ND		ug/kg	160	52.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	41.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	34.
Butyl benzyl phthalate	ND		ug/kg	160	46.
Di-n-butylphthalate	ND		ug/kg	160	28.
Di-n-octylphthalate	ND		ug/kg	160	45.
Diethyl phthalate	ND		ug/kg	160	29.
Dimethyl phthalate	ND		ug/kg	160	27.
Benzo(a)anthracene	ND		ug/kg	99	33.



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 13:14
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/02/12 18:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546001-1					
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	99	29.
Benzo(k)fluoranthene	ND		ug/kg	99	25.
Chrysene	ND		ug/kg	99	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	99	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	99	28.
Dibenzo(a,h)anthracene	ND		ug/kg	99	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	99	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	160	56.
2-Nitroaniline	ND		ug/kg	160	30.
3-Nitroaniline	ND		ug/kg	160	18.
4-Nitroaniline	ND		ug/kg	160	100
Dibenzofuran	ND		ug/kg	160	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	52.
Acetophenone	ND		ug/kg	160	53.
2,4,6-Trichlorophenol	ND		ug/kg	99	30.
P-Chloro-M-Cresol	ND		ug/kg	160	34.
2-Chlorophenol	ND		ug/kg	160	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	160	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	70.
2,4-Dinitrophenol	ND		ug/kg	790	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 07/03/12 13:14
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 07/02/12 18:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG546001-1					
Phenol	ND		ug/kg	160	52.
2-Methylphenol	ND		ug/kg	160	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	71.
2,4,5-Trichlorophenol	ND		ug/kg	160	38.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	160	38.
Carbazole	ND		ug/kg	160	26.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	57		0-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546001-2 WG546001-3								
Acenaphthene	81		79		31-137	3		50
1,2,4-Trichlorobenzene	72		69		38-107	4		50
Hexachlorobenzene	88		84		40-140	5		50
Bis(2-chloroethyl)ether	79		75		40-140	5		50
2-Chloronaphthalene	82		77		40-140	6		50
1,2-Dichlorobenzene	76		74		40-140	3		50
1,3-Dichlorobenzene	74		71		40-140	4		50
1,4-Dichlorobenzene	74		73		28-104	1		50
3,3'-Dichlorobenzidine	64		61		40-140	5		50
2,4-Dinitrotoluene	89		87		28-89	2		50
2,6-Dinitrotoluene	98		89		40-140	10		50
Fluoranthene	97		93		40-140	4		50
4-Chlorophenyl phenyl ether	82		80		40-140	2		50
4-Bromophenyl phenyl ether	94		92		40-140	2		50
Bis(2-chloroisopropyl)ether	88		85		40-140	3		50
Bis(2-chloroethoxy)methane	86		81		40-117	6		50
Hexachlorobutadiene	87		82		40-140	6		50
Hexachlorocyclopentadiene	70		69		40-140	1		50
Hexachloroethane	80		75		40-140	6		50
Isophorone	86		82		40-140	5		50
Naphthalene	78		75		40-140	4		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546001-2 WG546001-3								
Nitrobenzene	83		78		40-140	6		50
NitrosoDiPhenylAmine(NDPA)/DPA	91		88			3		50
n-Nitrosodi-n-propylamine	92		84		32-121	9		50
Bis(2-Ethylhexyl)phthalate	96		88		40-140	9		50
Butyl benzyl phthalate	97		88		40-140	10		50
Di-n-butylphthalate	93		86		40-140	8		50
Di-n-octylphthalate	100		89		40-140	12		50
Diethyl phthalate	92		86		40-140	7		50
Dimethyl phthalate	88		84		40-140	5		50
Benzo(a)anthracene	91		87		40-140	4		50
Benzo(a)pyrene	97		95		40-140	2		50
Benzo(b)fluoranthene	90		87		40-140	3		50
Benzo(k)fluoranthene	89		87		40-140	2		50
Chrysene	95		87		40-140	9		50
Acenaphthylene	84		79		40-140	6		50
Anthracene	87		82		40-140	6		50
Benzo(ghi)perylene	95		93		40-140	2		50
Fluorene	85		82		40-140	4		50
Phenanthrene	85		80		40-140	6		50
Dibenzo(a,h)anthracene	85		82		40-140	4		50
Indeno(1,2,3-cd)Pyrene	88		86		40-140	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546001-2 WG546001-3								
Pyrene	93		87		35-142	7		50
Biphenyl	78		78			0		50
4-Chloroaniline	72		80		40-140	11		50
2-Nitroaniline	81		70		47-134	15		50
3-Nitroaniline	79		72		26-129	9		50
4-Nitroaniline	88		86		41-125	2		50
Dibenzofuran	84		81		40-140	4		50
2-Methylnaphthalene	83		79		40-140	5		50
1,2,4,5-Tetrachlorobenzene	84		84		40-117	0		50
Acetophenone	90		86		14-144	5		50
2,4,6-Trichlorophenol	86		80		30-130	7		50
P-Chloro-M-Cresol	97		91		26-103	6		50
2-Chlorophenol	86		84		25-102	2		50
2,4-Dichlorophenol	81		81		30-130	0		50
2,4-Dimethylphenol	88		86		30-130	2		50
2-Nitrophenol	91		88		30-130	3		50
4-Nitrophenol	91		96		11-114	5		50
2,4-Dinitrophenol	61		61		4-130	0		50
4,6-Dinitro-o-cresol	88		88		10-130	0		50
Pentachlorophenol	84		82		17-109	2		50
Phenol	86		79		26-90	8		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG546001-2 WG546001-3								
2-Methylphenol	88		84		30-130.	5		50
3-Methylphenol/4-Methylphenol	89		86		30-130	3		50
2,4,5-Trichlorophenol	97		91		30-130	6		50
Benzoic Acid	14		14			0		50
Benzyl Alcohol	92		87		40-140	6		50
Carbazole	86		81		54-128	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		84		25-120
Phenol-d6	86		85		10-120
Nitrobenzene-d5	84		82		23-120
2-Fluorobiphenyl	75		76		30-120
2,4,6-Tribromophenol	76		79		0-136
4-Terphenyl-d14	92		91		18-120

PCBS

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01
Client ID: BCP-MW-5 (4-5')
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8082
Analytical Date: 07/03/12 12:34
Analyst: KB
Percent Solids: 91%

Date Collected: 06/29/12 10:00
Date Received: 06/29/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/02/12 15:43
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/03/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/03/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.6	7.22	1
Aroclor 1221	ND		ug/kg	36.6	11.0	1
Aroclor 1232	ND		ug/kg	36.6	7.77	1
Aroclor 1242	ND		ug/kg	36.6	6.94	1
Aroclor 1248	ND		ug/kg	36.6	4.42	1
Aroclor 1254	ND		ug/kg	36.6	5.77	1
Aroclor 1260	ND		ug/kg	36.6	6.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	76		30-150
Decachlorobiphenyl	79		30-150
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	85		30-150

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/03/12 14:25
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/02/12 15:43
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/03/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/03/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG545951-1					
Aroclor 1016	ND		ug/kg	32.8	6.48
Aroclor 1221	ND		ug/kg	32.8	9.90
Aroclor 1232	ND		ug/kg	32.8	6.97
Aroclor 1242	ND		ug/kg	32.8	6.23
Aroclor 1248	ND		ug/kg	32.8	3.97
Aroclor 1254	ND		ug/kg	32.8	5.17
Aroclor 1260	ND		ug/kg	32.8	5.69

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	47		30-150
Decachlorobiphenyl	44		30-150
2,4,5,6-Tetrachloro-m-xylene	60		30-150
Decachlorobiphenyl	58		30-150

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG545951-2 WG545951-3								
Aroclor 1016	54		62		40-140	14		50
Aroclor 1260	47		52		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		76		30-150
Decachlorobiphenyl	54		59		30-150
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150
Decachlorobiphenyl	72		74		30-150

PESTICIDES

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01
 Client ID: BCP-MW-5 (4-5')
 Sample Location: 125 MAIN ST.
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 07/03/12 15:10
 Analyst: SH
 Percent Solids: 91%

Date Collected: 06/29/12 10:00
 Date Received: 06/29/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 07/01/12 19:23
 Methylation Date: 07/03/12 14:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	179	71.7	1
2,4,5-T	ND		ug/kg	179	51.0	1
2,4,5-TP (Silvex)	ND		ug/kg	179	61.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	123		30-150	A
DCAA	125		30-150	B

Project Name: 125 MAIN ST. SITE**Lab Number:** L1211689**Project Number:** 0105-012-003**Report Date:** 07/09/12**SAMPLE RESULTS**

Lab ID: L1211689-01 D
Client ID: BCP-MW-5 (4-5')
Sample Location: 125 MAIN ST.
Matrix: Soil
Analytical Method: 1,8081A
Analytical Date: 07/09/12 10:43
Analyst: BW
Percent Solids: 91%

Date Collected: 06/29/12 10:00
Date Received: 06/29/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/02/12 22:18
Cleanup Method1: EPA 3620B
Cleanup Date1: 07/09/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	16.9	3.32	10
Lindane	ND		ug/kg	7.06	3.15	10
Alpha-BHC	ND		ug/kg	7.06	2.00	10
Beta-BHC	ND		ug/kg	16.9	6.42	10
Heptachlor	ND		ug/kg	8.47	3.80	10
Aldrin	ND		ug/kg	16.9	5.96	10
Heptachlor epoxide	ND		ug/kg	31.8	9.53	10
Endrin	ND		ug/kg	7.06	2.89	10
Endrin ketone	ND		ug/kg	16.9	4.36	10
Dieldrin	ND		ug/kg	10.6	5.29	10
4,4'-DDE	ND		ug/kg	16.9	3.92	10
4,4'-DDD	ND		ug/kg	16.9	6.04	10
4,4'-DDT	ND		ug/kg	31.8	13.6	10
Endosulfan I	ND		ug/kg	16.9	4.00	10
Endosulfan II	ND		ug/kg	16.9	5.66	10
Endosulfan sulfate	ND		ug/kg	7.06	3.22	10
Methoxychlor	ND		ug/kg	31.8	9.88	10
Toxaphene	ND		ug/kg	318	88.9	10
trans-Chlordane	ND		ug/kg	21.2	5.59	10
Chlordane	ND		ug/kg	138	56.1	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 07/03/12 16:51
 Analyst: SH

Extraction Method: EPA 8151A
 Extraction Date: 07/01/12 19:23

Methylation Date: 07/03/12 14:17

Parameter	Result	Qualifier	Units	RL	MDL
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG545782-1					
2,4-D	ND		ug/kg	166	66.6
2,4,5-T	ND		ug/kg	166	47.4
2,4,5-TP (Silvex)	ND		ug/kg	166	57.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	113		30-150	B

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081A
 Analytical Date: 07/06/12 11:05
 Analyst: BW

Extraction Method: EPA 3546
 Extraction Date: 07/02/12 22:18
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 07/03/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG546024-1					
Delta-BHC	ND		ug/kg	1.57	0.307
Lindane	ND		ug/kg	0.653	0.292
Alpha-BHC	ND		ug/kg	0.653	0.185
Beta-BHC	ND		ug/kg	1.57	0.594
Heptachlor	ND		ug/kg	0.783	0.351
Aldrin	ND		ug/kg	1.57	0.552
Heptachlor epoxide	ND		ug/kg	2.94	0.881
Endrin	ND		ug/kg	0.653	0.268
Endrin ketone	ND		ug/kg	1.57	0.403
Dieldrin	ND		ug/kg	0.979	0.490
4,4'-DDE	ND		ug/kg	1.57	0.362
4,4'-DDD	ND		ug/kg	1.57	0.559
4,4'-DDT	ND		ug/kg	2.94	1.26
Endosulfan I	ND		ug/kg	1.57	0.370
Endosulfan II	ND		ug/kg	1.57	0.523
Endosulfan sulfate	ND		ug/kg	0.653	0.298
Methoxychlor	ND		ug/kg	2.94	0.914
Toxaphene	ND		ug/kg	29.4	8.22
trans-Chlordane	ND		ug/kg	1.96	0.517
Chlordane	ND		ug/kg	12.7	5.19

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	106		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG545782-2 WG545782-3								
Dicamba	71		80		30-150	12		30
2,4-D	97		108		30-150	11		30
2,4,5-T	90		101		30-150	12		30
2,4,5-TP (Silvex)	89		97		30-150	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		101		30-150	A
DCAA	112		122		30-150	B

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG546024-2 WG546024-3								
Delta-BHC	90		84		30-150	7		30
Lindane	90		85		30-150	6		30
Alpha-BHC	86		79		30-150	8		30
Beta-BHC	82		78		30-150	5		30
Heptachlor	97		92		30-150	5		30
Aldrin	100		93		30-150	7		30
Heptachlor epoxide	92		86		30-150	7		30
Endrin	115		108		30-150	6		30
Endrin ketone	91		88		30-150	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG546024-2 WG546024-3								
Dieldrin	105		97		30-150	8		30
4,4'-DDE	103		96		30-150	7		30
4,4'-DDD	104		98		30-150	6		30
4,4'-DDT	102		97		30-150	5		30
Endosulfan I	100		94		30-150	6		30
Endosulfan II	98		94		30-150	4		30
Endosulfan sulfate	101		97		30-150	4		30
Methoxychlor	90		86		30-150	5		30
trans-Chlordane	97		92		30-150	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	100		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	B
Decachlorobiphenyl	101		102		30-150	B

METALS

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

SAMPLE RESULTS

Lab ID: L1211689-01
Client ID: BCP-MW-5 (4-5')
Sample Location: 125 MAIN ST.
Matrix: Soil
Percent Solids: 91%

Date Collected: 06/29/12 10:00
Date Received: 06/29/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	30000		mg/kg	4.2	0.94	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Antimony, Total	ND		mg/kg	2.1	0.40	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Arsenic, Total	1.7		mg/kg	0.42	0.14	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Barium, Total	250		mg/kg	0.42	0.04	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Beryllium, Total	4.3		mg/kg	0.21	0.02	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Cadmium, Total	0.03	J	mg/kg	0.42	0.03	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Calcium, Total	190000		mg/kg	840	180	200	07/09/12 08:38	07/09/12 15:41	EPA 3050B	1,6010B	MG
Chromium, Total	7.5		mg/kg	0.42	0.09	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Cobalt, Total	0.22	J	mg/kg	0.84	0.09	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Copper, Total	2.3		mg/kg	0.42	0.20	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Iron, Total	5400		mg/kg	2.1	0.73	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Lead, Total	5.4		mg/kg	2.1	0.12	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Magnesium, Total	29000		mg/kg	4.2	1.9	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Manganese, Total	2200		mg/kg	0.42	0.04	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	07/03/12 11:00	07/03/12 16:43	EPA 7471A	1,7471A	KL
Nickel, Total	0.69	J	mg/kg	1.0	0.12	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Potassium, Total	2900		mg/kg	100	34.	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Selenium, Total	4.4		mg/kg	0.84	0.14	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Silver, Total	0.08	J	mg/kg	0.42	0.07	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Sodium, Total	1400		mg/kg	84	34.	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Thallium, Total	ND		mg/kg	0.84	0.26	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Vanadium, Total	5.7		mg/kg	0.42	0.09	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG
Zinc, Total	4.8		mg/kg	2.1	0.23	1	07/09/12 08:38	07/09/12 15:03	EPA 3050B	1,6010B	MG



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG546076-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/03/12 11:00	07/03/12 16:01	1,7471A	KL

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG547023-1										
Aluminum, Total	ND		mg/kg	4.0	0.89	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Antimony, Total	ND		mg/kg	2.0	0.38	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Arsenic, Total	ND		mg/kg	0.40	0.14	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Barium, Total	ND		mg/kg	0.40	0.03	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Beryllium, Total	ND		mg/kg	0.20	0.01	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Calcium, Total	1.0	J	mg/kg	4.0	0.87	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Cobalt, Total	ND		mg/kg	0.80	0.09	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Copper, Total	ND		mg/kg	0.40	0.18	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Iron, Total	ND		mg/kg	2.0	0.69	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Lead, Total	ND		mg/kg	2.0	0.11	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Magnesium, Total	ND		mg/kg	4.0	1.8	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Manganese, Total	0.80		mg/kg	0.40	0.04	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Nickel, Total	ND		mg/kg	1.0	0.11	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Potassium, Total	ND		mg/kg	100	32.	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Selenium, Total	ND		mg/kg	0.80	0.13	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Sodium, Total	ND		mg/kg	80	32.	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Thallium, Total	ND		mg/kg	0.80	0.25	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Vanadium, Total	ND		mg/kg	0.40	0.09	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG
Zinc, Total	ND		mg/kg	2.0	0.22	1	07/09/12 08:38	07/09/12 14:20	1,6010B	MG



Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG546076-2 SRM Lot Number: 0518-10-02								
Mercury, Total	108		-		67-133	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG547023-2					
Aluminum, Total	101	-	75-125	-	
Antimony, Total	97	-	75-125	-	
Arsenic, Total	102	-	75-125	-	
Barium, Total	101	-	75-125	-	
Beryllium, Total	100	-	75-125	-	
Cadmium, Total	100	-	75-125	-	
Calcium, Total	97	-	75-125	-	
Chromium, Total	94	-	75-125	-	
Cobalt, Total	100	-	75-125	-	
Copper, Total	97	-	75-125	-	
Iron, Total	103	-	75-125	-	
Lead, Total	100	-	75-125	-	
Magnesium, Total	97	-	75-125	-	
Manganese, Total	97	-	75-125	-	
Nickel, Total	97	-	75-125	-	
Potassium, Total	93	-	75-125	-	
Selenium, Total	98	-	75-125	-	
Silver, Total	99	-	75-125	-	
Sodium, Total	104	-	75-125	-	
Thallium, Total	102	-	75-125	-	
Vanadium, Total	100	-	75-125	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 125 MAIN ST. SITE**Project Number:** 0105-012-003**Lab Number:** L1211689**Report Date:** 07/09/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG547023-2					
Zinc, Total	94	-	75-125	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546076-4 QC Sample: L1211479-11 Client ID: MS Sample												
Mercury, Total	0.85	0.186	1.3	241	Q	-	-		70-130	-		35

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG547023-4 QC Sample: L1211732-20 Client ID: MS Sample									
Aluminum, Total	6200	152	6400	132	Q	-	75-125	-	35
Antimony, Total	0.93J	37.9	18	48	Q	-	75-125	-	35
Arsenic, Total	4.6	9.09	13	92		-	75-125	-	35
Barium, Total	48.	152	180	87		-	75-125	-	35
Beryllium, Total	0.37J	3.79	3.9	103		-	75-125	-	35
Cadmium, Total	ND	3.86	3.6	93		-	75-125	-	35
Calcium, Total	16000	758	24000	1060	Q	-	75-125	-	35
Chromium, Total	9.3	15.2	21	77		-	75-125	-	35
Cobalt, Total	4.9	37.9	39	90		-	75-125	-	35
Copper, Total	15.	18.9	32	90		-	75-125	-	35
Iron, Total	15000	75.8	13000	0	Q	-	75-125	-	35
Lead, Total	58.	38.6	69	28	Q	-	75-125	-	35
Magnesium, Total	4900	758	5500	79		-	75-125	-	35
Manganese, Total	350	37.9	330	0	Q	-	75-125	-	35
Nickel, Total	11.	37.9	44	87		-	75-125	-	35
Potassium, Total	870	758	1800	123		-	75-125	-	35
Selenium, Total	0.46J	9.09	8.8	97		-	75-125	-	35
Silver, Total	ND	22.7	22	97		-	75-125	-	35
Sodium, Total	120J	758	950	125		-	75-125	-	35
Thallium, Total	0.91J	9.09	9.1	100		-	75-125	-	35
Vanadium, Total	15.	37.9	49	90		-	75-125	-	35

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG547023-4 QC Sample: L1211732-20 Client ID: MS Sample									
Zinc, Total	65.	37.9	90	66	Q	-	75-125	-	35

Lab Duplicate Analysis
Batch Quality Control**Project Name:** 125 MAIN ST. SITE**Project Number:** 0105-012-003**Lab Number:** L1211689**Report Date:** 07/09/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG546076-3 QC Sample: L1211479-11 Client ID: DUP Sample						
Mercury, Total	0.85	1.3	mg/kg	42	Q	35

Lab Duplicate Analysis Batch Quality Control

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG547023-3 QC Sample: L1211732-20 Client ID: DUP Sample					
Aluminum, Total	6200	6100	mg/kg	2	35
Antimony, Total	0.93J	ND	mg/kg	NC	35
Arsenic, Total	4.6	4.7	mg/kg	2	35
Barium, Total	48.	43	mg/kg	11	35
Beryllium, Total	0.37J	0.35J	mg/kg	NC	35
Cadmium, Total	ND	ND	mg/kg	NC	35
Calcium, Total	16000	19000	mg/kg	17	35
Chromium, Total	9.3	7.6	mg/kg	20	35
Cobalt, Total	4.9	4.5	mg/kg	9	35
Copper, Total	15.	14	mg/kg	7	35
Iron, Total	15000	14000	mg/kg	7	35
Lead, Total	58.	37	mg/kg	44	Q 35
Magnesium, Total	4900	5000	mg/kg	2	35
Manganese, Total	350	340	mg/kg	3	35
Nickel, Total	11.	10	mg/kg	10	35
Potassium, Total	870	900	mg/kg	3	35
Selenium, Total	0.46J	ND	mg/kg	NC	35
Silver, Total	ND	ND	mg/kg	NC	35
Sodium, Total	120J	110J	mg/kg	NC	35

Lab Duplicate Analysis **Batch Quality Control**

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG547023-3 QC Sample: L1211732-20 Client ID: DUP Sample					
Thallium, Total	0.91J	0.87J	mg/kg	NC	35
Vanadium, Total	15.	14	mg/kg	7	35
Zinc, Total	65.	62	mg/kg	5	35

INORGANICS & MISCELLANEOUS

Project Name: 125 MAIN ST. SITE

Lab Number: L1211689

Project Number: 0105-012-003

Report Date: 07/09/12

SAMPLE RESULTS

Lab ID: L1211689-01

Date Collected: 06/29/12 10:00

Client ID: BCP-MW-5 (4-5')

Date Received: 06/29/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/02/12 18:25	30,2540G	RD



Lab Duplicate Analysis
Batch Quality Control**Project Name:** 125 MAIN ST. SITE**Project Number:** 0105-012-003**Lab Number:** L1211689**Report Date:** 07/09/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG545992-1 QC Sample: L1211686-11 Client ID: DUP Sample						
Solids, Total	76.	76	%	0		20

Project Name: 125 MAIN ST. SITE

Project Number: 0105-012-003

Lab Number: L1211689

Report Date: 07/09/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211689-01A	Amber 120ml unpreserved	A	N/A	3.3	Y	Absent	NYTCL-8260(14)
L1211689-01B	Amber 250ml unpreserved	A	N/A	3.3	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1211689-01C	Amber 250ml unpreserved	A	N/A	3.3	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- | | |
|-----------|---|
| A | - Spectra identified as "Aldol Condensation Product". |
| B | - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. |
| C | - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses. |
| D | - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte. |
| E | - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. |
| G | - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated. |
| H | - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection. |
| I | - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference. |
| M | - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte. |
| NJ | - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search. |

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Data Qualifiers

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certificate/Approval Program Summary

Last revised May 11, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D, Fecal Coliform-EC Medium 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterolert, E.Coli 9223.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics, Acid Extractables (Phenols), Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.

Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

Drinking Water (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8081B, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. **NELAP Accredited.**
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 3005A, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P, BE. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. **NELAP Accredited via NY-DOH.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commissoon on Environmental Quality Certificate/Lab ID: T104704476-09-1. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S2 D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 3005A, 3015, 1312, 6010B, 6010C, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B, 8015B, 8015C.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.

Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:

EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A**: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C**: Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625**: 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071**: Total Petroleum Hydrocarbons, Oil & Grease



ANALYTICAL REPORT

Lab Number:	L1211139
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	125 MAIN ST SITE
Project Number:	0105-012-003
Report Date:	06/29/12

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211139-01	BCP-MW-01	125 MAIN ST.	06/20/12 09:10
L1211139-02	BCP-MW-02	125 MAIN ST.	06/20/12 10:05
L1211139-03	BCP-MW-03	125 MAIN ST.	06/20/12 10:41
L1211139-04	BCP-MW-04	125 MAIN ST.	06/20/12 14:40
L1211139-05	BCP-MW-05	125 MAIN ST.	06/20/12 13:40
L1211139-06	BCP-MW-06	125 MAIN ST.	06/20/12 12:57
L1211139-07	BCP-MW-07	125 MAIN ST.	06/20/12 11:20
L1211139-08	MW-1	125 MAIN ST.	06/20/12 14:12
L1211139-09	MW-2R	125 MAIN ST.	06/20/12 15:10
L1211139-10	BLIND	125 MAIN ST.	06/20/12 08:00

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

All samples were received without the appropriate containers for Dissolved Metals analysis. Aliquots were taken from unpreserved containers and preserved appropriately.

The samples were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were received beyond the recommended 24 hour holding time required for filtration. The samples were filtered and preserved appropriately.

Volatile Organics

The WG545422-4/-5 MS/MSD recoveries, performed on L1211139-01, were below the acceptance criteria for Vinyl acetate (MSD at 62%) and trans-1,4-Dichloro-2-butene (56%/49%).

Semivolatile Organics-SIM

L1211139-08 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

The dual column RPD for L1211139-02 is above the acceptance criteria for Heptachlor epoxide; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-04 is above the acceptance criteria for Heptachlor epoxide and Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPDs for L1211139-05 and -06 are above the acceptance criteria for Heptachlor epoxide, Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results are reported and qualified with a "P".

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

The dual column RPD for L1211139-07 is above the acceptance criteria for Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-09 is above the acceptance criteria for Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Metals

L1211139-03 through -10 have elevated detection limits for all analytes, with the exception of Mercury due to the dilutions required by interferences caused by the high concentration of salts in the samples.

The WG544712-3 MS recovery, performed on L1211139-01, is above the acceptance criteria for Mercury (135%). A post digestion spike was performed with an acceptable recovery of 116%.

The WG544897-3/-4 MS/MSD recoveries, performed on L1211139-01, are below the acceptance criteria for Antimony (61%/71%) and Iron (70%/37%). A post digestion spike was performed with acceptable recoveries for Antimony (105%) and Iron (108%).

The WG544897-3/-4 MS/MSD recoveries for Sodium (210%/190%) performed on L1211139-01, do not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/29/12

ORGANICS

VOLATILES

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 11:54
Analyst: PD

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01

Date Collected: 06/20/12 09:10

Client ID: BCP-MW-01

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	1.1	J	ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01

Date Collected: 06/20/12 09:10

Client ID: BCP-MW-01

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
Client ID: BCP-MW-02
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 12:20
Analyst: PD

Date Collected: 06/20/12 10:05
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	1.1		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02

Date Collected: 06/20/12 10:05

Client ID: BCP-MW-02

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.2		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02

Date Collected: 06/20/12 10:05

Client ID: BCP-MW-02

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 12:45
Analyst: PD

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03

Date Collected: 06/20/12 10:41

Client ID: BCP-MW-03

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1



Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03

Date Collected: 06/20/12 10:41

Client ID: BCP-MW-03

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 13:11
Analyst: PD

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04

Date Collected: 06/20/12 14:40

Client ID: BCP-MW-04

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04

Date Collected: 06/20/12 14:40

Client ID: BCP-MW-04

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 13:37
Analyst: PD

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05

Date Collected: 06/20/12 13:40

Client ID: BCP-MW-05

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.0	1
Carbon disulfide	1.3	J	ug/l	5.0	1.0	1
2-Butanone	1.4	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	4.1	J	ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05

Date Collected: 06/20/12 13:40

Client ID: BCP-MW-05

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 14:02
Analyst: PD

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06

Date Collected: 06/20/12 12:57

Client ID: BCP-MW-06

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.6	J	ug/l	5.0	1.0	1
Carbon disulfide	1.3	J	ug/l	5.0	1.0	1
2-Butanone	1.1	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	3.4	J	ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06

Date Collected: 06/20/12 12:57

Client ID: BCP-MW-06

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 14:28
Analyst: PD

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	0.79		ug/l	0.50	0.19	1
Toluene	0.72	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07

Date Collected: 06/20/12 11:20

Client ID: BCP-MW-07

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.0	1
Carbon disulfide	1.7	J	ug/l	5.0	1.0	1
2-Butanone	2.1	J	ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	1.1	J	ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07

Date Collected: 06/20/12 11:20

Client ID: BCP-MW-07

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08
Client ID: MW-1
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 14:54
Analyst: PD

Date Collected: 06/20/12 14:12
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08

Date Collected: 06/20/12 14:12

Client ID: MW-1

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1



Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08

Date Collected: 06/20/12 14:12

Client ID: MW-1

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 15:19
Analyst: PD

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09

Date Collected: 06/20/12 15:10

Client ID: MW-2R

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09

Date Collected: 06/20/12 15:10

Client ID: MW-2R

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
Client ID: BLIND
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8260B
Analytical Date: 06/28/12 15:45
Analyst: PD

Date Collected: 06/20/12 08:00
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10

Date Collected: 06/20/12 08:00

Client ID: BLIND

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.1		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10

Date Collected: 06/20/12 08:00

Client ID: BLIND

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 06/28/12 08:52
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG545422-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 06/28/12 08:52
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG545422-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260B
 Analytical Date: 06/28/12 08:52
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG545422-3					
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG545422-1 WG545422-2								
Methylene chloride	90		91		70-130	1		20
1,1-Dichloroethane	98		98		70-130	0		20
Chloroform	95		93		70-130	2		20
Carbon tetrachloride	90		89		63-132	1		20
1,2-Dichloropropane	93		92		70-130	1		20
Dibromochloromethane	83		82		63-130	1		20
1,1,2-Trichloroethane	87		90		70-130	3		20
Tetrachloroethene	90		90		70-130	0		20
Chlorobenzene	96		96		75-130	0		20
Trichlorofluoromethane	113		113		62-150	0		20
1,2-Dichloroethane	91		90		70-130	1		20
1,1,1-Trichloroethane	91		91		67-130	0		20
Bromodichloromethane	88		87		67-130	1		20
trans-1,3-Dichloropropene	81		82		70-130	1		20
cis-1,3-Dichloropropene	82		83		70-130	1		20
1,1-Dichloropropene	93		93		70-130	0		20
Bromoform	79		77		54-136	3		20
1,1,2,2-Tetrachloroethane	89		90		67-130	1		20
Benzene	94		95		70-130	1		20
Toluene	96		96		70-130	0		20
Ethylbenzene	100		101		70-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG545422-1 WG545422-2								
Chloromethane	78		75		64-130	4		20
Bromomethane	67		79		39-139	16		20
Vinyl chloride	101		102		55-140	1		20
Chloroethane	115		116		55-138	1		20
1,1-Dichloroethene	93		91		61-145	2		20
trans-1,2-Dichloroethene	91		90		70-130	1		20
Trichloroethene	94		91		70-130	3		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,3-Dichlorobenzene	98		96		70-130	2		20
1,4-Dichlorobenzene	98		97		70-130	1		20
Methyl tert butyl ether	70		69		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	99		98		70-130	1		20
cis-1,2-Dichloroethene	91		89		70-130	2		20
Dibromomethane	87		86		70-130	1		20
1,2,3-Trichloropropane	92		94		64-130	2		20
Acrylonitrile	79		76		70-130	4		20
Styrene	99		98		70-130	1		20
Dichlorodifluoromethane	89		89		36-147	0		20
Acetone	93		78		58-148	18		20
Carbon disulfide	90		89		51-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG545422-1 WG545422-2								
2-Butanone	78		77		63-138	1		20
Vinyl acetate	64	Q	72		70-130	12		20
4-Methyl-2-pentanone	66		64		59-130	3		20
2-Hexanone	74		68		57-130	8		20
Bromochloromethane	93		91		70-130	2		20
2,2-Dichloropropane	81		92		63-133	13		20
1,2-Dibromoethane	82		81		70-130	1		20
1,3-Dichloropropane	89		89		70-130	0		20
1,1,1,2-Tetrachloroethane	90		89		64-130	1		20
Bromobenzene	92		91		70-130	1		20
n-Butylbenzene	110		109		53-136	1		20
sec-Butylbenzene	106		103		70-130	3		20
tert-Butylbenzene	102		102		70-130	0		20
o-Chlorotoluene	112		109		70-130	3		20
p-Chlorotoluene	107		106		70-130	1		20
1,2-Dibromo-3-chloropropane	94		90		41-144	4		20
Hexachlorobutadiene	80		74		63-130	8		20
Isopropylbenzene	107		106		70-130	1		20
p-Isopropyltoluene	106		106		70-130	0		20
n-Propylbenzene	110		108		69-130	2		20
1,2,3-Trichlorobenzene	76		72		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG545422-1 WG545422-2								
1,2,4-Trichlorobenzene	80		79		70-130	1		20
1,3,5-Trimethylbenzene	106		106		64-130	0		20
1,2,4-Trimethylbenzene	108		107		70-130	1		20
1,4-Diethylbenzene	101		101		70-130	0		20
4-Ethyltoluene	105		105		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		20
Ethyl ether	95		94		59-134	1		20
trans-1,4-Dichloro-2-butene	69	Q	71		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		103		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	98		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG545422-4 WG545422-5 QC Sample: L1211139-01 Client ID: BCP-MW-01

Methylene chloride	ND	10	9.9	99		9.6	96		70-130	3		20
1,1-Dichloroethane	ND	10	11	110		11	106		70-130	0		20
Chloroform	ND	10	11	106		10	101		70-130	10		20
Carbon tetrachloride	ND	10	9.6	96		9.4	94		63-132	2		20
1,2-Dichloropropane	ND	10	10	106		10	102		70-130	0		20
Dibromochloromethane	ND	10	9.1	91		8.5	85		63-130	7		20
1,1,2-Trichloroethane	ND	10	9.9	99		9.2	92		70-130	7		20
Tetrachloroethene	ND	10	9.3	93		9.1	91		70-130	2		20
Chlorobenzene	ND	10	10	103		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	12	125		12	123		62-150	0		20
1,2-Dichloroethane	ND	10	10	105		9.8	98		70-130	2		20
1,1,1-Trichloroethane	ND	10	10	102		9.9	99		67-130	1		20
Bromodichloromethane	ND	10	9.9	100		9.6	96		67-130	3		20
trans-1,3-Dichloropropene	ND	10	8.3	83		7.6	76		70-130	9		20
cis-1,3-Dichloropropene	ND	10	8.9	89		8.3	83		70-130	7		20
1,1-Dichloropropene	ND	10	10	104		10	100		70-130	0		20
Bromoform	ND	10	8.3	83		7.8	78		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	10	9.8	99		9.1	91		67-130	7		20
Benzene	ND	10	11	106		10	103		70-130	10		20
Toluene	ND	10	10	104		10	101		70-130	0		20
Ethylbenzene	ND	10	11	107		10	104		70-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG545422-4 WG545422-5 QC Sample: L1211139-01 Client ID: BCP-MW-01

Chloromethane	ND	10	8.0	80		8.3	83		64-130	4		20
Bromomethane	ND	10	5.6	56		6.7	67		39-139	18		20
Vinyl chloride	ND	10	12	116		11	113		55-140	9		20
Chloroethane	ND	10	13	132		12	122		55-138	8		20
1,1-Dichloroethene	ND	10	10	105		10	105		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	102		10	100		70-130	0		20
Trichloroethene	ND	10	10	100		9.9	99		70-130	1		20
1,2-Dichlorobenzene	ND	10	9.8	98		9.4	94		70-130	4		20
1,3-Dichlorobenzene	ND	10	10	100		9.9	99		70-130	1		20
1,4-Dichlorobenzene	ND	10	10	100		9.9	99		70-130	1		20
Methyl tert butyl ether	ND	10	8.4	84		7.7	77		63-130	9		20
p/m-Xylene	ND	20	21	105		20	102		70-130	5		20
o-Xylene	ND	20	21	105		20	101		70-130	5		20
cis-1,2-Dichloroethene	ND	10	10	102		9.8	99		70-130	2		20
Dibromomethane	ND	10	9.8	98		9.1	91		70-130	7		20
1,2,3-Trichloropropane	ND	10	11	112		10	103		64-130	10		20
Acrylonitrile	ND	10	8.8	88		8.1	81		70-130	8		20
Styrene	ND	20	21	106		20	101		70-130	5		20
Dichlorodifluoromethane	ND	10	8.8	88		9.2	92		36-147	4		20
Acetone	ND	10	9.0	90		8.3	83		58-148	8		20
Carbon disulfide	ND	10	10	100		9.7	97		51-130	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG545422-4 WG545422-5 QC Sample: L1211139-01 Client ID: BCP-MW-01

2-Butanone	ND	10	7.3	73		6.3	63		63-138	15		20
Vinyl acetate	ND	10	7.0	70		6.2	62	Q	70-130	12		20
4-Methyl-2-pentanone	ND	10	7.1	71		6.5	65		59-130	9		20
2-Hexanone	ND	10	7.5	75		6.6	66		57-130	13		20
Bromochloromethane	ND	10	10	105		9.9	99		70-130	1		20
2,2-Dichloropropane	ND	10	6.6	66		6.5	66		63-133	2		20
1,2-Dibromoethane	ND	10	9.0	91		8.3	83		70-130	8		20
1,3-Dichloropropane	ND	10	9.8	98		9.2	92		70-130	6		20
1,1,1,2-Tetrachloroethane	ND	10	9.8	98		9.2	92		64-130	6		20
Bromobenzene	ND	10	9.8	98		9.4	94		70-130	4		20
n-Butylbenzene	ND	10	11	108		10	105		53-136	10		20
sec-Butylbenzene	ND	10	10	104		10	104		70-130	0		20
tert-Butylbenzene	ND	10	10	103		10	102		70-130	0		20
o-Chlorotoluene	ND	10	11	114		11	113		70-130	0		20
p-Chlorotoluene	ND	10	11	109		11	108		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.4	94		9.1	91		41-144	3		20
Hexachlorobutadiene	ND	10	7.2	72		7.4	74		63-130	3		20
Isopropylbenzene	ND	10	11	110		11	108		70-130	0		20
p-Isopropyltoluene	ND	10	11	106		10	105		70-130	10		20
n-Propylbenzene	ND	10	11	111		11	108		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	7.6	76		7.5	75		70-130	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG545422-4 WG545422-5 QC Sample: L1211139-01 Client ID: BCP-MW-01

1,2,4-Trichlorobenzene	ND	10	8.1	82		7.8	78		70-130	4		20
1,3,5-Trimethylbenzene	ND	10	11	108		10	106		64-130	10		20
1,2,4-Trimethylbenzene	1.1J	10	11	109		11	107		70-130	0		20
1,4-Diethylbenzene	ND	10	10	99		9.9	98		70-130	1		20
4-Ethyltoluene	ND	10	11	107		10	105		70-130	10		20
1,2,4,5-Tetramethylbenzene	ND	10	9.9	95		9.7	93		70-130	2		20
Ethyl ether	ND	10	10	102		9.6	96		59-134	4		20
trans-1,4-Dichloro-2-butene	ND	10	5.6	56	Q	4.9	49	Q	70-130	13		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	102		99		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	99		98		70-130
Toluene-d8	103		105		70-130

SEMIVOLATILES

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 15:19
Analyst: JB

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01

Date Collected: 06/20/12 09:10

Client ID: BCP-MW-01

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	89		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 12:20
Analyst: AS

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.18	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	103		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
Client ID: BCP-MW-02
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 15:42
Analyst: JB

Date Collected: 06/20/12 10:05
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02

Date Collected: 06/20/12 10:05

Client ID: BCP-MW-02

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	77		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
Client ID: BCP-MW-02
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 12:47
Analyst: AS

Date Collected: 06/20/12 10:05
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.13	J	ug/l	0.20	0.06	1
Phenanthrene	0.87		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.07	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	100		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 16:06
Analyst: JB

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03

Date Collected: 06/20/12 10:41

Client ID: BCP-MW-03

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	79		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 13:15
Analyst: AS

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.30		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	98		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 16:29
Analyst: JB

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04

Date Collected: 06/20/12 14:40

Client ID: BCP-MW-04

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	2.3	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	95		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 13:42
Analyst: AS

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.05	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.11	J	ug/l	0.20	0.06	1
Phenanthrene	0.88		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	105		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 16:52
Analyst: JB

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	1.9	J	ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05

Date Collected: 06/20/12 13:40

Client ID: BCP-MW-05

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	9.5	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	88		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 14:09
Analyst: AS

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.09	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.48		ug/l	0.20	0.06	1
Phenanthrene	2.6		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.46		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	96		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 17:16
Analyst: JB

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06

Date Collected: 06/20/12 12:57

Client ID: BCP-MW-06

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	7.0	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	87		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 09:36
Analyst: AS

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.08	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.31		ug/l	0.20	0.06	1
Phenanthrene	2.1		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.25		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	86		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 17:39
Analyst: JB

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	1.1	J	ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07

Date Collected: 06/20/12 11:20

Client ID: BCP-MW-07

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	7.5	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	85		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 10:02
Analyst: AS

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.06	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.25		ug/l	0.20	0.06	1
Phenanthrene	1.5		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.18	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	86		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08
Client ID: MW-1
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 18:02
Analyst: JB

Date Collected: 06/20/12 14:12
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08

Date Collected: 06/20/12 14:12

Client ID: MW-1

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	75		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08 D
 Client ID: MW-1
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8270C
 Analytical Date: 06/27/12 10:30
 Analyst: AS

Date Collected: 06/20/12 14:12
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.40	0.13	2
2-Chloronaphthalene	ND		ug/l	0.40	0.13	2
Fluoranthene	0.86		ug/l	0.40	0.09	2
Hexachlorobutadiene	ND		ug/l	1.0	0.14	2
Naphthalene	ND		ug/l	0.40	0.13	2
Benzo(a)anthracene	0.34	J	ug/l	0.40	0.11	2
Benzo(a)pyrene	0.28	J	ug/l	0.40	0.14	2
Benzo(b)fluoranthene	0.62		ug/l	0.40	0.14	2
Benzo(k)fluoranthene	0.59		ug/l	0.40	0.14	2
Chrysene	0.50		ug/l	0.40	0.10	2
Acenaphthylene	ND		ug/l	0.40	0.10	2
Anthracene	ND		ug/l	0.40	0.13	2
Benzo(ghi)perylene	0.54		ug/l	0.40	0.14	2
Fluorene	ND		ug/l	0.40	0.11	2
Phenanthrene	0.33	J	ug/l	0.40	0.13	2
Dibenzo(a,h)anthracene	ND		ug/l	0.40	0.15	2
Indeno(1,2,3-cd)Pyrene	0.46		ug/l	0.40	0.16	2
Pyrene	0.65		ug/l	0.40	0.11	2
2-Methylnaphthalene	ND		ug/l	0.40	0.12	2
Pentachlorophenol	ND		ug/l	1.6	0.37	2
Hexachlorobenzene	ND		ug/l	1.6	0.03	2
Hexachloroethane	ND		ug/l	1.6	0.13	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	85		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 18:25
Analyst: JB

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09

Date Collected: 06/20/12 15:10

Client ID: MW-2R

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	3.0	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	84		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 10:57
Analyst: AS

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.06	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	0.07	J	ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.13	J	ug/l	0.20	0.06	1
Phenanthrene	0.86		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.07	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	85		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
Client ID: BLIND
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/25/12 18:49
Analyst: JB

Date Collected: 06/20/12 08:00
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40	1
Hexachlorocyclopentadiene	ND		ug/l	20	2.1	1
Isophorone	ND		ug/l	5.0	0.35	1
Nitrobenzene	ND		ug/l	2.0	0.50	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	0.46	1
Di-n-butylphthalate	ND		ug/l	5.0	0.54	1
Di-n-octylphthalate	ND		ug/l	5.0	0.53	1
Diethyl phthalate	ND		ug/l	5.0	0.45	1
Dimethyl phthalate	ND		ug/l	5.0	0.45	1
Biphenyl	ND		ug/l	2.0	0.50	1
4-Chloroaniline	ND		ug/l	5.0	0.83	1
2-Nitroaniline	ND		ug/l	5.0	0.40	1
3-Nitroaniline	ND		ug/l	5.0	0.59	1
4-Nitroaniline	ND		ug/l	5.0	0.55	1
Dibenzofuran	ND		ug/l	2.0	0.47	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65	1
Acetophenone	ND		ug/l	5.0	0.55	1

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10

Date Collected: 06/20/12 08:00

Client ID: BLIND

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50	1
2-Chlorophenol	ND		ug/l	2.0	0.34	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.2	1
2-Nitrophenol	ND		ug/l	10	0.48	1
4-Nitrophenol	ND		ug/l	10	1.2	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59	1
Phenol	ND		ug/l	5.0	0.26	1
2-Methylphenol	ND		ug/l	5.0	0.53	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45	1
Benzoic Acid	1.7	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.47	1
Carbazole	ND		ug/l	2.0	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	80		41-149

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
Client ID: BLIND
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8270C
Analytical Date: 06/27/12 11:24
Analyst: AS

Date Collected: 06/20/12 08:00
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.10	J	ug/l	0.20	0.06	1
Phenanthrene	0.71		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.07	J	ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	84		41-149

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 06/25/12 13:23
 Analyst: JB

Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG544153-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
1,2-Dichlorobenzene	ND		ug/l	2.0	0.55
1,3-Dichlorobenzene	ND		ug/l	2.0	0.55
1,4-Dichlorobenzene	ND		ug/l	2.0	0.55
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.45
2,6-Dinitrotoluene	ND		ug/l	5.0	0.46
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.67
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.50
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.40
Hexachlorocyclopentadiene	ND		ug/l	20	2.1
Isophorone	ND		ug/l	5.0	0.35
Nitrobenzene	ND		ug/l	2.0	0.50
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.70
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.39
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	0.46
Di-n-butylphthalate	ND		ug/l	5.0	0.54
Di-n-octylphthalate	ND		ug/l	5.0	0.53
Diethyl phthalate	ND		ug/l	5.0	0.45
Dimethyl phthalate	ND		ug/l	5.0	0.45
Biphenyl	ND		ug/l	2.0	0.50
4-Chloroaniline	ND		ug/l	5.0	0.83
2-Nitroaniline	ND		ug/l	5.0	0.40
3-Nitroaniline	ND		ug/l	5.0	0.59
4-Nitroaniline	ND		ug/l	5.0	0.55
Dibenzofuran	ND		ug/l	2.0	0.47
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.65
Acetophenone	ND		ug/l	5.0	0.55



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 06/25/12 13:23
 Analyst: JB

Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 06:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG544153-1					
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.45
P-Chloro-M-Cresol	ND		ug/l	2.0	0.50
2-Chlorophenol	ND		ug/l	2.0	0.34
2,4-Dichlorophenol	ND		ug/l	5.0	0.43
2,4-Dimethylphenol	ND		ug/l	5.0	1.2
2-Nitrophenol	ND		ug/l	10	0.48
4-Nitrophenol	ND		ug/l	10	1.2
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	0.59
Phenol	ND		ug/l	5.0	0.26
2-Methylphenol	ND		ug/l	5.0	0.53
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.47
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.45
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.47
Carbazole	ND		ug/l	2.0	0.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	87		41-149

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 06/27/12 14:35
 Analyst: AS

Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG544154-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270C
 Analytical Date: 06/27/12 14:35
 Analyst: AS

Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 06:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG544154-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	93		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG544153-2 WG544153-3								
1,2,4-Trichlorobenzene	59		51		39-98	15		30
Bis(2-chloroethyl)ether	72		66		40-140	9		30
1,2-Dichlorobenzene	60		50		40-140	18		30
1,3-Dichlorobenzene	56		48		40-140	15		30
1,4-Dichlorobenzene	57		50		36-97	13		30
3,3'-Dichlorobenzidine	70		73		40-140	4		30
2,4-Dinitrotoluene	88		89		24-96	1		30
2,6-Dinitrotoluene	89		89		40-140	0		30
4-Chlorophenyl phenyl ether	87		84		40-140	4		30
4-Bromophenyl phenyl ether	95		94		40-140	1		30
Bis(2-chloroisopropyl)ether	56		49		40-140	13		30
Bis(2-chloroethoxy)methane	73		69		40-140	6		30
Hexachlorocyclopentadiene	37	Q	31	Q	40-140	18		30
Isophorone	71		68		40-140	4		30
Nitrobenzene	75		69		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	80		80		40-140	0		30
n-Nitrosodi-n-propylamine	72		65		29-132	10		30
Bis(2-Ethylhexyl)phthalate	94		92		40-140	2		30
Butyl benzyl phthalate	92		90		40-140	2		30
Di-n-butylphthalate	96		94		40-140	2		30
Di-n-octylphthalate	97		96		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG544153-2 WG544153-3								
Diethyl phthalate	91		90		40-140	1		30
Dimethyl phthalate	89		88		40-140	1		30
Biphenyl	77		69			11		30
4-Chloroaniline	57		54		40-140	5		30
2-Nitroaniline	89		92		52-143	3		30
3-Nitroaniline	74		75		25-145	1		30
4-Nitroaniline	79		80		51-143	1		30
Dibenzofuran	81		77		40-140	5		30
1,2,4,5-Tetrachlorobenzene	77		64		2-134	18		30
Acetophenone	83		79		39-129	5		30
2,4,6-Trichlorophenol	88		88		30-130	0		30
P-Chloro-M-Cresol	86		87		23-97	1		30
2-Chlorophenol	81		75		27-123	8		30
2,4-Dichlorophenol	92		89		30-130	3		30
2,4-Dimethylphenol	64		67		30-130	5		30
2-Nitrophenol	82		75		30-130	9		30
4-Nitrophenol	60		61		10-80	2		30
2,4-Dinitrophenol	49		54		20-130	10		30
4,6-Dinitro-o-cresol	68		70		20-164	3		30
Phenol	42		41		12-110	2		30
2-Methylphenol	73		69		30-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG544153-2 WG544153-3								
3-Methylphenol/4-Methylphenol	71		69		30-130	3		30
2,4,5-Trichlorophenol	97		100		30-130	3		30
Benzoic Acid	44		48			9		30
Benzyl Alcohol	69		67			3		30
Carbazole	85		84		55-144	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		58		21-120
Phenol-d6	45		44		10-120
Nitrobenzene-d5	71		67		23-120
2-Fluorobiphenyl	84		80		15-120
2,4,6-Tribromophenol	110		110		10-120
4-Terphenyl-d14	97		97		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG544154-2 WG544154-3								
Acenaphthene	68		78		37-111	14		40
2-Chloronaphthalene	80		87		40-140	8		40
Fluoranthene	95		96		40-140	1		40
Hexachlorobutadiene	58		64		40-140	10		40
Naphthalene	68		77		40-140	12		40
Benzo(a)anthracene	99		101		40-140	2		40
Benzo(a)pyrene	83		85		40-140	2		40
Benzo(b)fluoranthene	89		102		40-140	14		40
Benzo(k)fluoranthene	100		96		40-140	4		40
Chrysene	91		93		40-140	2		40
Acenaphthylene	76		80		40-140	5		40
Anthracene	93		95		40-140	2		40
Benzo(ghi)perylene	93		100		40-140	7		40
Fluorene	75		78		40-140	4		40
Phenanthrene	84		87		40-140	4		40
Dibenzo(a,h)anthracene	95		101		40-140	6		40
Indeno(1,2,3-cd)Pyrene	96		99		40-140	3		40
Pyrene	89		89		26-127	0		40
2-Methylnaphthalene	69		75		40-140	8		40
Pentachlorophenol	67		63		9-103	6		40
Hexachlorobenzene	80		81		40-140	1		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG544154-2 WG544154-3								
Hexachloroethane	62		67		40-140	8		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		64		21-120
Phenol-d6	53		55		10-120
Nitrobenzene-d5	86		85		23-120
2-Fluorobiphenyl	74		83		15-120
2,4,6-Tribromophenol	79		87		10-120
4-Terphenyl-d14	106		100		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544153-4 WG544153-5 QC Sample: L1211139-01 Client ID: BCP-MW-01												
1,2,4-Trichlorobenzene	ND	40	22	55		22	55		39-98	0		30
Bis(2-chloroethyl)ether	ND	40	26	65		26	65		40-140	0		30
1,2-Dichlorobenzene	ND	40	21	53		21	53		40-140	0		30
1,3-Dichlorobenzene	ND	40	20	50		20	50		40-140	0		30
1,4-Dichlorobenzene	ND	40	20	50		21	53		36-97	5		30
3,3'-Dichlorobenzidine	ND	80	50	63		49	61		40-140	2		30
2,4-Dinitrotoluene	ND	40	37	93		37	93		24-96	0		30
2,6-Dinitrotoluene	ND	40	37	93		36	90		40-140	3		30
4-Chlorophenyl phenyl ether	ND	40	36	90		34	85		40-140	6		30
4-Bromophenyl phenyl ether	ND	40	39	98		38	95		40-140	3		30
Bis(2-chloroisopropyl)ether	ND	40	20	50		20	50		40-140	0		30
Bis(2-chloroethoxy)methane	ND	40	27	68		26	65		40-140	4		30
Hexachlorocyclopentadiene	ND	40	16.J	40		18.J	45		40-140	12		30
Isophorone	ND	40	27	68		27	68		40-140	0		30
Nitrobenzene	ND	40	28	70		26	65		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	ND	80	65	81		64	80		40-140	2		30
n-Nitrosodi-n-propylamine	ND	40	26	65		26	65		29-132	0		30
Bis(2-Ethylhexyl)phthalate	ND	40	37	93		36	90		40-140	3		30
Butyl benzyl phthalate	ND	40	37	93		37	93		40-140	0		30
Di-n-butylphthalate	ND	40	38	95		39	98		40-140	3		30
Di-n-octylphthalate	ND	40	39	98		39	98		40-140	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544153-4 WG544153-5 QC Sample: L1211139-01 Client ID: BCP-MW-01												
Diethyl phthalate	ND	40	36	90		36	90		40-140	0		30
Dimethyl phthalate	ND	40	36	90		35	88		40-140	3		30
Biphenyl	ND	40	31	78		29	73			7		30
4-Chloroaniline	ND	40	22	55		21	53		40-140	5		30
2-Nitroaniline	ND	40	37	93		37	93		52-143	0		30
3-Nitroaniline	ND	40	30	75		30	75		25-145	0		30
4-Nitroaniline	ND	40	31	78		31	78		51-143	0		30
Dibenzofuran	ND	40	32	80		32	80		40-140	0		30
1,2,4,5-Tetrachlorobenzene	ND	40	30	75		30	75		2-134	0		30
Acetophenone	ND	80	61	76		60	75		39-129	2		30
2,4,6-Trichlorophenol	ND	40	36	90		35	88		30-130	3		30
P-Chloro-M-Cresol	ND	40	35	88		34	85		23-97	3		30
2-Chlorophenol	ND	40	30	75		29	73		27-123	3		30
2,4-Dichlorophenol	ND	40	33	83		33	83		30-130	0		30
2,4-Dimethylphenol	ND	40	29	73		27	68		30-130	7		30
2-Nitrophenol	ND	40	30	75		29	73		30-130	3		30
4-Nitrophenol	ND	40	25	63		24	60		10-80	4		30
2,4-Dinitrophenol	ND	40	24	60		23	58		20-130	4		30
4,6-Dinitro-o-cresol	ND	40	29	73		28	70		20-164	4		30
Phenol	ND	40	16	40		16	40		12-110	0		30
2-Methylphenol	ND	40	27	68		27	68		30-130	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544153-4 WG544153-5 QC Sample: L1211139-01 Client ID: BCP-MW-01												
3-Methylphenol/4-Methylphenol	ND	40	26	65		26	65		30-130	0		30
2,4,5-Trichlorophenol	ND	40	39	98		38	95		30-130	3		30
Benzoic Acid	ND	40	19.J	48		18.J	45			5		30
Benzyl Alcohol	ND	40	26	65		28	70			7		30
Carbazole	ND	40	34	85		34	85		55-144	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	119		115		10-120
2-Fluorobiphenyl	84		83		15-120
2-Fluorophenol	60		63		21-120
4-Terphenyl-d14	103		106		41-149
Nitrobenzene-d5	71		70		23-120
Phenol-d6	44		46		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544154-4 WG544154-5 QC Sample: L1211139-01
Client ID: BCP-MW-01

Acenaphthene	ND	40	35	88		34	85		37-111	3		40
2-Chloronaphthalene	ND	40	40	100		38	95		40-140	5		40
Fluoranthene	ND	40	44	110		41	100		40-140	7		40
Hexachlorobutadiene	ND	40	20	50		22	55		40-140	10		40
Naphthalene	ND	40	29	73		29	73		40-140	0		40
Benzo(a)anthracene	ND	40	45	110		43	110		40-140	5		40
Benzo(a)pyrene	ND	40	39	98		40	100		40-140	3		40
Benzo(b)fluoranthene	ND	40	40	100		40	100		40-140	0		40
Benzo(k)fluoranthene	ND	40	49	120		47	120		40-140	4		40
Chrysene	ND	40	41	100		40	100		40-140	2		40
Acenaphthylene	ND	40	38	95		37	93		40-140	3		40
Anthracene	ND	40	44	110		42	110		40-140	5		40
Benzo(ghi)perylene	ND	40	42	110		42	110		40-140	0		40
Fluorene	ND	40	38	95		38	95		40-140	0		40
Phenanthrene	0.18J	40	41	100		37	93		40-140	10		40
Dibenzo(a,h)anthracene	ND	40	44	110		45	110		40-140	2		40
Indeno(1,2,3-cd)Pyrene	ND	40	44	110		44	110		40-140	0		40
Pyrene	ND	40	42	110		38	95		26-127	10		40
2-Methylnaphthalene	ND	40	30	75		30	75		40-140	0		40
Pentachlorophenol	ND	40	32	80		30	75		9-103	6		40
Hexachlorobenzene	ND	40	40	100		36	90		40-140	11		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544154-4 WG544154-5 QC Sample: L1211139-01

Client ID: BCP-MW-01

Hexachloroethane	ND	40	21	53		22	55		40-140	5		40
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Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	117		120		10-120
2-Fluorobiphenyl	102		97		15-120
2-Fluorophenol	73		76		21-120
4-Terphenyl-d14	128		118		41-149
Nitrobenzene-d5	94		93		23-120
Phenol-d6	57		59		10-120

PCBS

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 00:10
Analyst: SS

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	96		30-150
Decachlorobiphenyl	83		30-150
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	80		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
Client ID: BCP-MW-02
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 00:24
Analyst: SS

Date Collected: 06/20/12 10:05
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	111		30-150
Decachlorobiphenyl	51		30-150
2,4,5,6-Tetrachloro-m-xylene	94		30-150
Decachlorobiphenyl	48		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 00:37
Analyst: SS

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	96		30-150
Decachlorobiphenyl	46		30-150
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	47		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 00:50
Analyst: SS

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	123		30-150
Decachlorobiphenyl	51		30-150
2,4,5,6-Tetrachloro-m-xylene	102		30-150
Decachlorobiphenyl	47		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 01:03
Analyst: SS

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	99		30-150
Decachlorobiphenyl	76		30-150
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	74		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 01:17
Analyst: SS

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	113		30-150
Decachlorobiphenyl	98		30-150
2,4,5,6-Tetrachloro-m-xylene	97		30-150
Decachlorobiphenyl	92		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 01:30
Analyst: SS

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	96		30-150
Decachlorobiphenyl	50		30-150
2,4,5,6-Tetrachloro-m-xylene	91		30-150
Decachlorobiphenyl	52		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08
Client ID: MW-1
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 01:43
Analyst: SS

Date Collected: 06/20/12 14:12
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	112		30-150
Decachlorobiphenyl	96		30-150
2,4,5,6-Tetrachloro-m-xylene	93		30-150
Decachlorobiphenyl	78		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 01:56
Analyst: SS

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	97		30-150
Decachlorobiphenyl	61		30-150
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	61		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
Client ID: BLIND
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8082
Analytical Date: 06/26/12 02:09
Analyst: SS

Date Collected: 06/20/12 08:00
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/25/12 07:57
Cleanup Method1: EPA 3665A
Cleanup Date1: 06/25/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.083	0.055	1
Aroclor 1221	ND		ug/l	0.083	0.053	1
Aroclor 1232	ND		ug/l	0.083	0.031	1
Aroclor 1242	ND		ug/l	0.083	0.060	1
Aroclor 1248	ND		ug/l	0.083	0.051	1
Aroclor 1254	ND		ug/l	0.083	0.034	1
Aroclor 1260	ND		ug/l	0.083	0.032	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	110		30-150
Decachlorobiphenyl	58		30-150
2,4,5,6-Tetrachloro-m-xylene	91		30-150
Decachlorobiphenyl	53		30-150

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082
 Analytical Date: 06/25/12 23:04
 Analyst: SS

Extraction Method: EPA 3510C
 Extraction Date: 06/25/12 07:57
 Cleanup Method1: EPA 3665A
 Cleanup Date1: 06/25/12
 Cleanup Method2: EPA 3660B
 Cleanup Date2: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG544262-1					
Aroclor 1016	ND		ug/l	0.083	0.055
Aroclor 1221	ND		ug/l	0.083	0.053
Aroclor 1232	ND		ug/l	0.083	0.031
Aroclor 1242	ND		ug/l	0.083	0.060
Aroclor 1248	ND		ug/l	0.083	0.051
Aroclor 1254	ND		ug/l	0.083	0.034
Aroclor 1260	ND		ug/l	0.083	0.032

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	76		30-150
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	75		30-150

Matrix Spike Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544262-4 WG544262-5 QC Sample: L1211139-01 Client ID: BCP-MW-01												
Aroclor 1016	ND	2.6	2.10	81		2.44	94		40-140	15		50
Aroclor 1260	ND	2.6	2.53	97		2.63	101		40-140	4		50

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,5,6-Tetrachloro-m-xylene	92		102		30-150
Decachlorobiphenyl	70		86		30-150
2,4,5,6-Tetrachloro-m-xylene	82		97		30-150
Decachlorobiphenyl	68		88		30-150

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG544262-2 WG544262-3								
Aroclor 1016	86		81		40-140	6		50
Aroclor 1260	88		87		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	93		85		30-150
Decachlorobiphenyl	90		87		30-150
2,4,5,6-Tetrachloro-m-xylene	82		76		30-150
Decachlorobiphenyl	83		81		30-150

PESTICIDES

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 18:52
Analyst: BW

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 18:52
Analyst: BW

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.017	J	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-01
Client ID: BCP-MW-01
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/24/12 22:43
Analyst: SH

Date Collected: 06/20/12 09:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/23/12 05:23
Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	104		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
Client ID: BCP-MW-02
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:05
Analyst: BW

Date Collected: 06/20/12 10:05
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	0.009	J	ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	0.005	JP	ug/l	0.020	0.004	1
Endrin	0.046		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-02
 Client ID: BCP-MW-02
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/24/12 23:03
 Analyst: SH

Date Collected: 06/20/12 10:05
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23
 Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	111		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:18
Analyst: BW

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.022	J	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:18
Analyst: BW

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-03
Client ID: BCP-MW-03
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/24/12 23:23
Analyst: SH

Date Collected: 06/20/12 10:41
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/23/12 05:23
Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	98		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:31
Analyst: BW

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Heptachlor	0.010	J	ug/l	0.020	0.003	1
Endrin	0.030	JP	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
Client ID: BCP-MW-04
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:31
Analyst: BW

Date Collected: 06/20/12 14:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	0.005	JP	ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-04
 Client ID: BCP-MW-04
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/24/12 23:43
 Analyst: SH

Date Collected: 06/20/12 14:40
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23
 Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	115		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:43
Analyst: BW

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	0.007	JP	ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	0.023	JP	ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	173	Q	30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
 Client ID: BCP-MW-05
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8081A
 Analytical Date: 06/25/12 19:43
 Analyst: BW

Date Collected: 06/20/12 13:40
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 03:47
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.158	P	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	173	Q	30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-05
Client ID: BCP-MW-05
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/25/12 00:03
Analyst: SH

Date Collected: 06/20/12 13:40
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/23/12 05:23
Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	111		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:56
Analyst: BW

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.160	P	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	163	Q	30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
Client ID: BCP-MW-06
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 19:56
Analyst: BW

Date Collected: 06/20/12 12:57
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	0.007	JP	ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	0.018	JP	ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	163	Q	30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-06
 Client ID: BCP-MW-06
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/25/12 00:24
 Analyst: SH

Date Collected: 06/20/12 12:57
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23
 Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	131		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:22
Analyst: BW

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	0.007	JP	ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:22
Analyst: BW

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.045	P	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-07
Client ID: BCP-MW-07
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/25/12 00:44
Analyst: SH

Date Collected: 06/20/12 11:20
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/23/12 05:23
Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	39		30-150	A
DCAA	51		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08
Client ID: MW-1
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:09
Analyst: BW

Date Collected: 06/20/12 14:12
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	ND		ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-08
Client ID: MW-1
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/25/12 01:04
Analyst: SH

Date Collected: 06/20/12 14:12
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 06/23/12 05:23
Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	91		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:35
Analyst: BW

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	ND		ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:35
Analyst: BW

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Endrin	0.044	P	ug/l	0.040	0.004	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-09
 Client ID: MW-2R
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/25/12 01:45
 Analyst: SH

Date Collected: 06/20/12 15:10
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23
 Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	109		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
Client ID: BLIND
Sample Location: 125 MAIN ST.
Matrix: Water
Analytical Method: 1,8081A
Analytical Date: 06/25/12 20:47
Analyst: BW

Date Collected: 06/20/12 08:00
Date Received: 06/21/12
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 06/23/12 03:47
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/l	0.020	0.005	1
Lindane	ND		ug/l	0.020	0.004	1
Alpha-BHC	ND		ug/l	0.020	0.004	1
Beta-BHC	ND		ug/l	0.020	0.006	1
Heptachlor	0.009	J	ug/l	0.020	0.003	1
Aldrin	ND		ug/l	0.020	0.002	1
Heptachlor epoxide	ND		ug/l	0.020	0.004	1
Endrin	0.035	J	ug/l	0.040	0.004	1
Endrin ketone	ND		ug/l	0.040	0.005	1
Dieldrin	ND		ug/l	0.040	0.004	1
4,4'-DDE	ND		ug/l	0.040	0.004	1
4,4'-DDD	ND		ug/l	0.040	0.005	1
4,4'-DDT	ND		ug/l	0.040	0.004	1
Endosulfan I	ND		ug/l	0.020	0.003	1
Endosulfan II	ND		ug/l	0.040	0.005	1
Endosulfan sulfate	ND		ug/l	0.040	0.005	1
Methoxychlor	ND		ug/l	0.200	0.007	1
Toxaphene	ND		ug/l	0.200	0.063	1
trans-Chlordane	ND		ug/l	0.020	0.006	1
Chlordane	ND		ug/l	0.200	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 125 MAIN ST SITE**Lab Number:** L1211139**Project Number:** 0105-012-003**Report Date:** 06/29/12**SAMPLE RESULTS**

Lab ID: L1211139-10
 Client ID: BLIND
 Sample Location: 125 MAIN ST.
 Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/25/12 02:05
 Analyst: SH

Date Collected: 06/20/12 08:00
 Date Received: 06/21/12
 Field Prep: Not Specified
 Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23
 Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/l	10.0	0.544	1
2,4,5-T	ND		ug/l	2.00	0.488	1
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	93		30-150	B

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081A
 Analytical Date: 06/25/12 21:00
 Analyst: BW

Extraction Method: EPA 3510C
 Extraction Date: 06/23/12 03:47
 Cleanup Method1: EPA 3620B
 Cleanup Date1: 06/25/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG544149-1					
Delta-BHC	ND		ug/l	0.020	0.005
Lindane	ND		ug/l	0.020	0.004
Alpha-BHC	ND		ug/l	0.020	0.004
Beta-BHC	ND		ug/l	0.020	0.006
Heptachlor	ND		ug/l	0.020	0.003
Aldrin	ND		ug/l	0.020	0.002
Heptachlor epoxide	ND		ug/l	0.020	0.004
Endrin	ND		ug/l	0.040	0.004
Endrin ketone	ND		ug/l	0.040	0.005
Dieldrin	ND		ug/l	0.040	0.004
4,4'-DDE	ND		ug/l	0.040	0.004
4,4'-DDD	ND		ug/l	0.040	0.005
4,4'-DDT	ND		ug/l	0.040	0.004
Endosulfan I	ND		ug/l	0.020	0.003
Endosulfan II	ND		ug/l	0.040	0.005
Endosulfan sulfate	ND		ug/l	0.040	0.005
Methoxychlor	ND		ug/l	0.200	0.007
Toxaphene	ND		ug/l	0.200	0.063
trans-Chlordane	ND		ug/l	0.020	0.006
Chlordane	ND		ug/l	0.200	0.046

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	92		30-150	B



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/24/12 20:42
 Analyst: SH

Extraction Method: EPA 8151A
 Extraction Date: 06/23/12 05:23

Methylation Date: 06/24/12 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-10 Batch: WG544151-1					
2,4-D	ND		ug/l	10.0	0.544
2,4,5-T	ND		ug/l	2.00	0.488
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.391

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	92		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG544149-2 WG544149-3								
Delta-BHC	69		70		30-150	2		20
Lindane	71		71		30-150	0		20
Alpha-BHC	73		72		30-150	0		20
Beta-BHC	69		70		30-150	1		20
Heptachlor	64		66		30-150	2		20
Aldrin	65		67		30-150	3		20
Heptachlor epoxide	81		84		30-150	4		20
Endrin	100		104		30-150	4		20
Endrin ketone	84		89		30-150	6		20
Dieldrin	88		92		30-150	4		20
4,4'-DDE	84		91		30-150	8		20
4,4'-DDD	85		90		30-150	5		20
4,4'-DDT	84		87		30-150	4		20
Endosulfan I	87		86		30-150	1		20
Endosulfan II	86		90		30-150	5		20
Endosulfan sulfate	94		99		30-150	5		20
Methoxychlor	93		97		30-150	4		20
trans-Chlordane	82		85		30-150	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG544149-2 WG544149-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		69		30-150	A
Decachlorobiphenyl	72		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		46		30-150	B
Decachlorobiphenyl	80		78		30-150	B

Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG544151-2 WG544151-3

2,4-D	90		90		30-150	0	25
2,4,5-T	87		87		30-150	0	25
2,4,5-TP (Silvex)	82		83		30-150	1	25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		82		30-150	A
DCAA	99		93		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544149-4 WG544149-5 QC Sample: L1211139-01 Client ID: BCP-MW-01												
Delta-BHC	ND	0.5	0.368	74		0.342	68		30-150	7		30
Lindane	ND	0.5	0.370	74		0.342	68		30-150	8		30
Alpha-BHC	ND	0.5	0.381	76		0.350	70		30-150	8		30
Beta-BHC	ND	0.5	0.353	71		0.326	65		30-150	8		30
Heptachlor	ND	0.5	0.382	76		0.364	73		30-150	5		30
Aldrin	ND	0.5	0.386	77		0.371	74		30-150	4		30
Heptachlor epoxide	ND	0.5	0.420	84		0.396	79		30-150	6		30
Endrin	ND	0.5	0.530	106		0.491	98		30-150	8		30
Endrin ketone	ND	0.5	0.456	91		0.423	85		30-150	8		30
Dieldrin	ND	0.5	0.459	92		0.432	86		30-150	6		30
4,4'-DDE	ND	0.5	0.452	90		0.423	85		30-150	7		30
4,4'-DDD	ND	0.5	0.452	90		0.429	86		30-150	5		30
4,4'-DDT	ND	0.5	0.462	92		0.439	88		30-150	5		30
Endosulfan I	ND	0.5	0.443	89		0.406	81		30-150	9		30
Endosulfan II	ND	0.5	0.448	90		0.420	84		30-150	6		30
Endosulfan sulfate	ND	0.5	0.518	104		0.477	95		30-150	8		30
Methoxychlor	ND	0.5	0.544	109		0.505	101		30-150	7		30
trans-Chlordane	ND	0.5	0.440	88		0.415	83		30-150	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544149-4 WG544149-5 QC Sample: L1211139-01
Client ID: BCP-MW-01

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		60		30-150	A
Decachlorobiphenyl	49		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		48		30-150	B
Decachlorobiphenyl	59		57		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544151-4 WG544151-5 QC Sample: L1211139-01 Client ID: BCP-MW-01

2,4-D	ND	10	7.76J	78		6.90J	69		30-150	12		25
2,4,5-T	ND	10	7.66	77		6.93	69		30-150	10		25
2,4,5-TP (Silvex)	ND	10	6.96	70		6.30	63		30-150	10		25

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	66		73		30-150	A
DCAA	88		96		30-150	B

METALS

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-01

Date Collected: 06/20/12 09:10

Client ID: BCP-MW-01

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Antimony, Dissolved	0.0008		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Arsenic, Dissolved	0.0041		mg/l	0.0005	0.0002	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Barium, Dissolved	0.2874		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Cadmium, Dissolved	0.0002	J	mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Chromium, Dissolved	0.0037		mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Cobalt, Dissolved	0.0014		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Copper, Dissolved	0.0083		mg/l	0.0010	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Iron, Dissolved	6.49		mg/l	0.050	0.013	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Lead, Dissolved	0.0071		mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Magnesium, Dissolved	44.7		mg/l	0.100	0.023	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Manganese, Dissolved	0.3284		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:15	EPA 7470A	1,7470A	KL
Nickel, Dissolved	0.0031		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.005	0.0003	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Thallium, Dissolved	0.0000	J	mg/l	0.0005	0.00003	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Vanadium, Dissolved	0.0034	J	mg/l	0.0050	0.0001	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK
Zinc, Dissolved	0.0552		mg/l	0.0100	0.0012	1	06/25/12 20:24	06/27/12 16:55	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-01 D

Date Collected: 06/20/12 09:10

Client ID: BCP-MW-01

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	1.30		mg/l	0.150	0.030	15	06/25/12 20:24	06/27/12 18:10	NA	1,6020	AK
Calcium, Dissolved	145		mg/l	1.50	0.480	15	06/25/12 20:24	06/27/12 18:10	NA	1,6020	AK
Potassium, Dissolved	74.4		mg/l	1.50	0.405	15	06/25/12 20:24	06/27/12 18:10	NA	1,6020	AK
Sodium, Dissolved	464		mg/l	1.50	0.225	15	06/25/12 20:24	06/27/12 18:10	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-02

Date Collected: 06/20/12 10:05

Client ID: BCP-MW-02

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Antimony, Dissolved	0.0019		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Arsenic, Dissolved	0.0034		mg/l	0.0005	0.0002	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Beryllium, Dissolved	0.0002	J	mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Cadmium, Dissolved	0.0005	J	mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Chromium, Dissolved	0.0048		mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Cobalt, Dissolved	0.0049		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Copper, Dissolved	0.0172		mg/l	0.0010	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Iron, Dissolved	10.2		mg/l	0.050	0.013	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Lead, Dissolved	0.0301		mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Magnesium, Dissolved	43.8		mg/l	0.100	0.023	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:21	EPA 7470A	1,7470A	KL
Nickel, Dissolved	0.0079		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Selenium, Dissolved	0.001	J	mg/l	0.005	0.0003	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Thallium, Dissolved	0.0001	J	mg/l	0.0005	0.00003	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Vanadium, Dissolved	0.0093		mg/l	0.0050	0.0001	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK
Zinc, Dissolved	0.1479		mg/l	0.0100	0.0012	1	06/25/12 20:24	06/27/12 17:08	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-02 D

Date Collected: 06/20/12 10:05

Client ID: BCP-MW-02

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	2.26		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 18:33	NA	1,6020	AK
Barium, Dissolved	0.7982		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 18:33	NA	1,6020	AK
Calcium, Dissolved	209		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 18:33	NA	1,6020	AK
Manganese, Dissolved	0.9479		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 18:33	NA	1,6020	AK
Potassium, Dissolved	12.0		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 18:33	NA	1,6020	AK
Sodium, Dissolved	1150		mg/l	5.00	0.750	50	06/25/12 20:24	06/28/12 14:15	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-03

Date Collected: 06/20/12 10:41

Client ID: BCP-MW-03

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:23	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-03 D

Date Collected: 06/20/12 10:41

Client ID: BCP-MW-03

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	3.77		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Antimony, Dissolved	0.0015	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Arsenic, Dissolved	0.0075		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Barium, Dissolved	0.2542		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Cadmium, Dissolved	0.0008	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Calcium, Dissolved	208		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Chromium, Dissolved	0.0071	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Cobalt, Dissolved	0.0068		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Copper, Dissolved	0.0395		mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Iron, Dissolved	21.5		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Lead, Dissolved	0.0467		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Magnesium, Dissolved	66.2		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Manganese, Dissolved	0.7737		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Nickel, Dissolved	0.0102		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Potassium, Dissolved	35.3		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Sodium, Dissolved	131		mg/l	1.00	0.150	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Vanadium, Dissolved	0.0137	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK
Zinc, Dissolved	0.2814		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:13	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-04

Date Collected: 06/20/12 14:40

Client ID: BCP-MW-04

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:24	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-04 D

Date Collected: 06/20/12 14:40

Client ID: BCP-MW-04

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	2.20		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Antimony, Dissolved	0.0015	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Arsenic, Dissolved	0.0031	J	mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Barium, Dissolved	0.3117		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Cadmium, Dissolved	0.0007	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Calcium, Dissolved	264		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Chromium, Dissolved	0.0062	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Cobalt, Dissolved	0.00790		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Copper, Dissolved	0.0816		mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Iron, Dissolved	5.93		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Lead, Dissolved	0.0565		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Magnesium, Dissolved	61.8		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Manganese, Dissolved	1.474		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Nickel, Dissolved	0.0146		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Potassium, Dissolved	57.5		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Sodium, Dissolved	1380		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:36	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Vanadium, Dissolved	0.0136	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK
Zinc, Dissolved	0.2014		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:21	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-05

Date Collected: 06/20/12 13:40

Client ID: BCP-MW-05

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:26	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-05 D

Date Collected: 06/20/12 13:40

Client ID: BCP-MW-05

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.270		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Antimony, Dissolved	0.0019	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Arsenic, Dissolved	ND		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Barium, Dissolved	0.1384		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Cadmium, Dissolved	0.0008	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Calcium, Dissolved	459		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Chromium, Dissolved	ND		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Cobalt, Dissolved	0.0297		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Copper, Dissolved	0.0047	J	mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Iron, Dissolved	3.80		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Lead, Dissolved	0.0034	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Magnesium, Dissolved	51.6		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Manganese, Dissolved	1.846		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Nickel, Dissolved	0.0378		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Potassium, Dissolved	181		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Selenium, Dissolved	0.004	J	mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Sodium, Dissolved	966		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:38	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Vanadium, Dissolved	0.0013	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK
Zinc, Dissolved	0.0719	J	mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:23	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-06

Date Collected: 06/20/12 12:57

Client ID: BCP-MW-06

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:28	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-06 D

Date Collected: 06/20/12 12:57

Client ID: BCP-MW-06

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.269		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Antimony, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Arsenic, Dissolved	ND		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Barium, Dissolved	0.0682		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Cadmium, Dissolved	ND		mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Calcium, Dissolved	241		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Chromium, Dissolved	ND		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Cobalt, Dissolved	0.0121		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Copper, Dissolved	0.0028	J	mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Iron, Dissolved	1.72		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Lead, Dissolved	0.0025	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Magnesium, Dissolved	35.3		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Manganese, Dissolved	1.543		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Nickel, Dissolved	0.0164		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Potassium, Dissolved	57.4		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Selenium, Dissolved	0.006	J	mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Sodium, Dissolved	628		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:41	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Vanadium, Dissolved	0.0012	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK
Zinc, Dissolved	0.0423	J	mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:26	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-07

Date Collected: 06/20/12 11:20

Client ID: BCP-MW-07

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:30	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-07 D

Date Collected: 06/20/12 11:20

Client ID: BCP-MW-07

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	12.2		mg/l	0.500	0.100	50	06/25/12 20:24	06/27/12 18:43	NA	1,6020	AK
Antimony, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Arsenic, Dissolved	0.0050		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Barium, Dissolved	0.2373		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Beryllium, Dissolved	0.0022	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Cadmium, Dissolved	0.0006	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Calcium, Dissolved	442		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Chromium, Dissolved	0.0147		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Cobalt, Dissolved	0.0076		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Copper, Dissolved	0.0050	J	mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Iron, Dissolved	8.93		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Lead, Dissolved	0.0504		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Magnesium, Dissolved	66.5		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Manganese, Dissolved	2.132		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Nickel, Dissolved	0.0129		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Potassium, Dissolved	126		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Selenium, Dissolved	0.008	J	mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Sodium, Dissolved	374		mg/l	1.00	0.150	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Vanadium, Dissolved	0.0252	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK
Zinc, Dissolved	0.1625		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:29	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-08

Date Collected: 06/20/12 14:12

Client ID: MW-1

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:35	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-08 D

Date Collected: 06/20/12 14:12

Client ID: MW-1

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.155		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Antimony, Dissolved	0.0030	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Arsenic, Dissolved	ND		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Barium, Dissolved	0.0925		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Cadmium, Dissolved	0.0016	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Calcium, Dissolved	254		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Chromium, Dissolved	ND		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Cobalt, Dissolved	0.0022	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Copper, Dissolved	0.0144		mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Iron, Dissolved	0.460	J	mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Lead, Dissolved	0.0101		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Magnesium, Dissolved	42.3		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Manganese, Dissolved	1.114		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Nickel, Dissolved	0.0053		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Potassium, Dissolved	61.0		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Selenium, Dissolved	0.004	J	mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Sodium, Dissolved	968		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:46	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Vanadium, Dissolved	0.00490	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK
Zinc, Dissolved	0.2004		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:31	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-09

Date Collected: 06/20/12 15:10

Client ID: MW-2R

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:37	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-09 D
Client ID: MW-2R
Sample Location: 125 MAIN ST.
Matrix: Water

Date Collected: 06/20/12 15:10
Date Received: 06/21/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	1.13		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Antimony, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Arsenic, Dissolved	ND		mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Barium, Dissolved	0.1291		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Cadmium, Dissolved	ND		mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Calcium, Dissolved	215		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Chromium, Dissolved	0.0037	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Cobalt, Dissolved	0.0037	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Copper, Dissolved	0.0074	J	mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Iron, Dissolved	2.33		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Lead, Dissolved	0.0126		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Magnesium, Dissolved	38.6		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Manganese, Dissolved	0.9532		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Nickel, Dissolved	0.0061		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Potassium, Dissolved	39.0		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Sodium, Dissolved	758		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:48	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Vanadium, Dissolved	0.0071	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK
Zinc, Dissolved	0.1251		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:34	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-10

Date Collected: 06/20/12 08:00

Client ID: BLIND

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:39	EPA 7470A	1,7470A	KL



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

SAMPLE RESULTS

Lab ID: L1211139-10 D

Date Collected: 06/20/12 08:00

Client ID: BLIND

Date Received: 06/21/12

Sample Location: 125 MAIN ST.

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	2.53		mg/l	0.100	0.020	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Antimony, Dissolved	0.0014	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Arsenic, Dissolved	0.0030	J	mg/l	0.0050	0.0020	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Barium, Dissolved	0.8261		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Cadmium, Dissolved	0.0007	J	mg/l	0.0050	0.0005	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Calcium, Dissolved	208		mg/l	1.00	0.320	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Chromium, Dissolved	0.0047	J	mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Cobalt, Dissolved	0.0049	J	mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Copper, Dissolved	0.0171		mg/l	0.0100	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Iron, Dissolved	10.6		mg/l	0.500	0.130	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Lead, Dissolved	0.0289		mg/l	0.0100	0.0020	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Magnesium, Dissolved	47.4		mg/l	1.00	0.230	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Manganese, Dissolved	0.9569		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Nickel, Dissolved	0.0088		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Potassium, Dissolved	12.0		mg/l	1.00	0.270	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.050	0.003	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0050	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Sodium, Dissolved	1180		mg/l	5.00	0.750	50	06/25/12 20:24	06/27/12 18:51	NA	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0050	0.0003	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Vanadium, Dissolved	0.0088	J	mg/l	0.0500	0.0010	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK
Zinc, Dissolved	0.1835		mg/l	0.1000	0.0120	10	06/25/12 20:24	06/27/12 17:36	NA	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-10 Batch: WG544712-1										
Mercury, Dissolved	ND		mg/l	0.0002	0.0001	1	06/26/12 19:08	06/27/12 11:08	1,7470A	KL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-10 Batch: WG544897-1										
Aluminum, Dissolved	ND		mg/l	0.010	0.002	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Antimony, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Arsenic, Dissolved	ND		mg/l	0.0005	0.0002	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Barium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Beryllium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Cadmium, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Calcium, Dissolved	ND		mg/l	0.100	0.032	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Chromium, Dissolved	0.0005	J	mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Cobalt, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Copper, Dissolved	ND		mg/l	0.0010	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Iron, Dissolved	ND		mg/l	0.050	0.013	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Lead, Dissolved	ND		mg/l	0.0010	0.0002	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Magnesium, Dissolved	ND		mg/l	0.100	0.023	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Manganese, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Nickel, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Potassium, Dissolved	ND		mg/l	0.100	0.027	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Selenium, Dissolved	ND		mg/l	0.005	0.0003	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Silver, Dissolved	ND		mg/l	0.0005	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Sodium, Dissolved	0.033	J	mg/l	0.100	0.015	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Thallium, Dissolved	ND		mg/l	0.0005	0.00003	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Vanadium, Dissolved	ND		mg/l	0.0050	0.0001	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK
Zinc, Dissolved	ND		mg/l	0.0100	0.0012	1	06/25/12 20:24	06/27/12 16:47	1,6020	AK



Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: NA

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 Batch: WG544712-2								
Mercury, Dissolved	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 Batch: WG544897-2					
Aluminum, Dissolved	90	-	80-120	-	
Antimony, Dissolved	84	-	80-120	-	
Arsenic, Dissolved	100	-	80-120	-	
Barium, Dissolved	93	-	80-120	-	
Beryllium, Dissolved	97	-	80-120	-	
Cadmium, Dissolved	104	-	80-120	-	
Calcium, Dissolved	93	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	96	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	98	-	80-120	-	
Lead, Dissolved	98	-	80-120	-	
Magnesium, Dissolved	96	-	80-120	-	
Manganese, Dissolved	93	-	80-120	-	
Nickel, Dissolved	98	-	80-120	-	
Potassium, Dissolved	92	-	80-120	-	
Selenium, Dissolved	104	-	80-120	-	
Silver, Dissolved	92	-	80-120	-	
Sodium, Dissolved	97	-	80-120	-	
Thallium, Dissolved	90	-	80-120	-	
Vanadium, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 125 MAIN ST SITE**Project Number:** 0105-012-003**Lab Number:** L1211139**Report Date:** 06/29/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 Batch: WG544897-2					
Zinc, Dissolved	106	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: 125 MAIN ST SITE

Lab Number: L1211139

Project Number: 0105-012-003

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544712-3 WG544712-4 QC Sample: L1211139-01 Client ID: BCP-MW-01												
Mercury, Dissolved	ND	0.001	0.0013	135	Q	0.0012	122		70-130	10		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544897-3 WG544897-4 QC Sample: L1211139-01 Client ID: BCP-MW-01											
Aluminum, Dissolved	1.30	2	2.94	82		3.07	88		80-120	4	20
Antimony, Dissolved	0.0008	0.5	0.3070	61	Q	0.3544	71	Q	80-120	14	20
Arsenic, Dissolved	0.0041	0.12	0.1239	100		0.1292	104		80-120	4	20
Barium, Dissolved	0.2874	2	2.169	94		2.233	97		80-120	3	20
Beryllium, Dissolved	ND	0.05	0.0508	102		0.0510	102		80-120	0	20
Cadmium, Dissolved	0.0002J	0.051	0.0521	102		0.0521	102		80-120	0	20
Calcium, Dissolved	145.	10	156	110		155	100		80-120	1	20
Chromium, Dissolved	0.0037	0.2	0.1926	94		0.2017	99		80-120	5	20
Cobalt, Dissolved	0.0014	0.5	0.4758	95		0.4920	98		80-120	3	20
Copper, Dissolved	0.0083	0.25	0.2436	94		0.2540	98		80-120	4	20
Iron, Dissolved	6.49	1	7.19	70	Q	7.22	73	Q	80-120	0	20
Lead, Dissolved	0.0071	0.51	0.5147	100		0.5241	101		80-120	2	20
Magnesium, Dissolved	44.7	10	55.0	103		56.1	114		80-120	2	20
Manganese, Dissolved	0.3284	0.5	0.7866	92		0.8026	95		80-120	2	20
Nickel, Dissolved	0.0031	0.5	0.4802	95		0.4991	99		80-120	4	20
Potassium, Dissolved	74.4	10	84.0	96		85.0	106		80-120	1	20
Selenium, Dissolved	ND	0.12	0.119	99		0.124	103		80-120	4	20
Silver, Dissolved	ND	0.05	0.0462	92		0.0474	95		80-120	3	20
Sodium, Dissolved	464.	10	485	210	Q	483	190	Q	80-120	0	20
Thallium, Dissolved	0.0000J	0.12	0.1094	91		0.1116	93		80-120	2	20
Vanadium, Dissolved	0.0034J	0.5	0.4941	99		0.5112	102		80-120	3	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG544897-3 WG544897-4 QC Sample: L1211139-01 Client ID: BCP-MW-01									
Zinc, Dissolved	0.0552	0.5	0.5694	103	0.5908	107	80-120	4	20

Project Name: 125 MAIN ST SITE**Project Number:** 0105-012-003**Lab Number:** L1211139**Report Date:** 06/29/12**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Reagent H2O Preserved Vials Frozen on: NA**Cooler Information Custody Seal****Cooler**

A	Absent
D	Absent
I	Absent
B	Absent
C	Absent
E	Absent
H	Absent
L	Absent
F	Absent
K	Absent
G	Absent
J	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-01A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01A1	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	HERB-APA(7)
L1211139-01A2	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01A3	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01A4	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01A5	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01A6	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01A7	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-01B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01C	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01D	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01E	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01F	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-01G	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-01H	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-01I	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-01J	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-01K	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-01L	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-01M	Amber 1000ml unpreserved	C	7	3.0	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01N	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01O	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01P	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01Q	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01R	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-01S	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8081(7)
L1211139-01T	Amber 1000ml unpreserved	B	7	3.3	Y	Absent	NYTCL-8081(7)
L1211139-01U	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-01V	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-01W	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-01X	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-01X2	Plastic 250ml HNO3 preserved spl	A	<2	3.0	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-01Y	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	HERB-APA(7)
L1211139-01Z	Amber 1000ml unpreserved	A	7	3.0	Y	Absent	HERB-APA(7)
L1211139-02A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-02B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-02C	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-02D	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-02E	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-02F	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-02G	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-02H	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-02I	Amber 1000ml unpreserved	F	7	3.0	Y	Absent	HERB-APA(7)
L1211139-02J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-02K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-02Z	Plastic 250ml HNO3 preserved spl	F	<2	3.0	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-03A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-03B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-03C	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-03D	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-03E	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-03F	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-03G	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8081(7)
L1211139-03H	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	NYTCL-8081(7)
L1211139-03I	Amber 1000ml unpreserved	K	7	2.2	Y	Absent	HERB-APA(7)
L1211139-03J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-03K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-03Z	Plastic 250ml HNO3 preserved spl	K	<2	2.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-04A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-04B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-04C	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-04D	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-04E	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-04F	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-04G	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8081(7)
L1211139-04H	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8081(7)
L1211139-04I	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	HERB-APA(7)
L1211139-04J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-04K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-04Z	Plastic 250ml HNO3 preserved spl	I	<2	2.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-05A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-05B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-05C	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-05D	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-05E	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-05F	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-05G	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-05H	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	NYTCL-8081(7)
L1211139-05I	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	HERB-APA(7)
L1211139-05J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-05K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-05Z	Plastic 250ml HNO3 preserved spl	D	<2	3.0	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-06A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-06B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-06C	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-06D	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-06E	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-06F	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-06G	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8081(7)
L1211139-06H	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	NYTCL-8081(7)
L1211139-06I	Amber 1000ml unpreserved	E	7	3.2	Y	Absent	HERB-APA(7)
L1211139-06J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-06K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-06Z	Plastic 250ml HNO3 preserved spl	E	<2	3.2	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-07A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-07B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-07C	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-07D	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-07E	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-07F	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-07G	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8081(7)
L1211139-07H	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	NYTCL-8081(7)
L1211139-07I	Amber 1000ml unpreserved	H	7	2.4	Y	Absent	HERB-APA(7)
L1211139-07J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-07K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-07Z	Plastic 250ml HNO3 preserved spl	H	<2	2.4	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-08A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-08B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-08C	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-08D	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-08E	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-08F	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-08G	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8081(7)
L1211139-08H	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	NYTCL-8081(7)
L1211139-08I	Amber 1000ml unpreserved	L	7	2.9	Y	Absent	HERB-APA(7)
L1211139-08J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-08K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-08Z	Plastic 250ml HNO3 preserved spl	L	<2	2.9	Y	Absent	CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-09A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-09B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-09C	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-09D	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-09E	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-09F	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-09G	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8081(7)
L1211139-09H	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	NYTCL-8081(7)
L1211139-09I	Amber 1000ml unpreserved	I	7	2.6	Y	Absent	HERB-APA(7)

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE

Project Number: 0105-012-003

Lab Number: L1211139

Report Date: 06/29/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1211139-09J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-09K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-09Z	Plastic 250ml HNO3 preserved spl	I	<2	2.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1211139-10A	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-10B	Vial HCl preserved	D	N/A	3.0	Y	Absent	NYTCL-8260(14)
L1211139-10C	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-10D	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1211139-10E	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-10F	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1211139-10G	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8081(7)
L1211139-10H	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	NYTCL-8081(7)
L1211139-10I	Amber 1000ml unpreserved	G	7	3.6	Y	Absent	HERB-APA(7)
L1211139-10J	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-10K	Plastic 250ml HNO3 preserved	J	<2	2.8	Y	Absent	NYTCL-8260(14)
L1211139-10Z	Plastic 250ml HNO3 preserved spl	G	<2	3.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

Container Comments

L1211139-01X2

L1211139-02Z

L1211139-03Z

*Values in parentheses indicate holding time in days



Project Name: 125 MAIN ST SITE**Project Number:** 0105-012-003**Lab Number:** L1211139**Report Date:** 06/29/12**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
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Container Comments

L1211139-04Z

L1211139-05Z

L1211139-06Z

L1211139-07Z

L1211139-08Z

L1211139-09Z

L1211139-10Z

*Values in parentheses indicate holding time in days

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- | | |
|-----------|---|
| A | - Spectra identified as "Aldol Condensation Product". |
| B | - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. |
| C | - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses. |
| D | - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte. |
| E | - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. |
| G | - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated. |
| H | - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection. |
| I | - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference. |
| M | - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte. |
| NJ | - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search. |

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Data Qualifiers

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers



Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certificate/Approval Program Summary

Last revised May 11, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D, Fecal Coliform-EC Medium 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterolert, E.Coli 9223.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics, Acid Extractables (Phenols), Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.

Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

Drinking Water (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8081B, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. **NELAP Accredited.**
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 3005A, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P, BE. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. **NELAP Accredited via NY-DOH.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commissoon on Environmental Quality Certificate/Lab ID: T104704476-09-1. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S2 D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 3005A, 3015, 1312, 6010B, 6010C, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B, 8015B, 8015C.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.

Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:

EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A**: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C**: Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625**: 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071**: Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 1



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: 125 Main St Site

Project Location: 125 Main St

Project #: 0105-012-003

Project Manager: Mike Lesakowski

ALPHA Quote #:

Turn-Around Time

Client: Turnkey

Address: 2358 Hamburg Turnpike

Buffalo NY 14218

Phone: (716)856-0599

Fax: (716)856-0583

Email:

☐ These samples have been previously analyzed by Alpha

Date Due: 6/28/12

Time:

Other Project Specific Requirements/Comments/Detection Limits:

CAT-B

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
11/39, 1	BCP-MW-01 (ms/msd)	6/20/12	9:10	6w	Puc
2	BCP-MW-02		10:05		
3	BCP-MW-03		10:41		
4	BCP-MW-04		14:40		
5	BCP-MW-05		13:40		
6	BCP-MW-06		12:57		
7	BCP-MW-07		11:26		
8	MW-1		14:12		
9	MW-2R		15:10		
10	Blind		8:00		

Container Type
Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Date Rec'd in Lab: 6/21/12

ALPHA Job #: L121139

Report Information - Data Deliverables

☐ FAX
☐ ADEX
☒ EMAIL
☐ Add'l Deliverables

☐ Same as Client info
 PO #:

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

CAT-B

ANALYSIS

TCL VOC
TCL SVOC
TAL Metals (Dissolved)
PCBs
Pest
Herb

SAMPLE HANDLING

Filtration _____
☐ Done
☐ Not needed
☐ Lab to do
☒ Lab to do
 (Please specify below)

Sample Specific Comments

Dissolved TAL Metals
filter in Lab

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



05/23/13

Technical Report for

ENSOL, Inc

Benderson, 125 Main Street, Buffalo, NY

12-0069-1 PO#988001-64

Accutest Job Number: MC20727

Sampling Date: 05/09/13

Report to:

ENSOL, Inc
661 Main Street
Niagara Falls, NY 14301
dpopp@ensolinc.com

ATTN: Daniel Popp

Total number of pages in report: **343**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

ENSOL, Inc

Job No: MC20727

Benderson, 125 Main Street, Buffalo, NY
Project No: 12-0069-1 PO#988001-64

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
MC20727-1	05/09/13	08:40 DP	05/10/13	AQ	Ground Water	BCP MW-3
MC20727-1F	05/09/13	08:40 DP	05/10/13	AQ	Groundwater Filtered	BCP MW-3

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ENSOL, Inc

Job No MC20727

Site: Benderson, 125 Main Street, Buffalo, NY

Report Date 5/23/2013 2:43:06 PM

1 Sample was collected on 05/09/2013 and were received at Accutest on 05/10/2013 properly preserved, at 0.9 Deg. C and intact. These Samples received an Accutest job number of MC20727. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ	Batch ID: MSR1106
------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20489-3MS, MC20489-3MSD were used as the QC samples indicated.
- Initial calibration verification standard MSR1102-ICV1102 for acetone, 2-Butanone, 2-Hexanone exceeds 50% Difference (response bias high). Associated sample is non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix AQ	Batch ID: OP33090
------------------	--------------------------

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC20682-26MS, MC20682-26MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Benzo(g,h,i)perylene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for Hexachlorocyclopentadiene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Nitrophenol, 3&4-Methylphenol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether, Hexachlorobutadiene, Hexachloroethane, Isophorone, N-Nitroso-di-n-propylamine, Naphthalene, Nitrobenzene, Phenol are outside control limits for sample OP33090-MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.

Metals By Method SW846 6010C

Matrix AQ	Batch ID: MP20960
------------------	--------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20861-2MS, MC20861-2MSD, MC20861-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Arsenic, Beryllium, Cadmium, Copper, Iron, Selenium are outside control limits for sample MP20960-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A**Matrix** AQ**Batch ID:** MP20947

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20688-3MS, MC20688-3MSD were used as the QC samples for metals.

Matrix AQ**Batch ID:** MP20965

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20620-3MS, MC20620-3MSD were used as the QC samples for metals.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report (MC20727).

Summary of Hits

Page 1 of 1

Job Number: MC20727
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 05/09/13



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

MC20727-1 BCP MW-3

Di-n-butyl phthalate	0.48 J	5.2	0.40	ug/l	SW846 8270C
Diethyl phthalate	1.3 J	5.2	0.52	ug/l	SW846 8270C
bis(2-Ethylhexyl)phthalate	1.0 J	2.1	0.50	ug/l	SW846 8270C
Isophorone	1.5 J	5.2	0.21	ug/l	SW846 8270C
Aluminum	39900	200	40	ug/l	SW846 6010C
Arsenic	29.2	4.0	2.9	ug/l	SW846 6010C
Barium	352	50	0.81	ug/l	SW846 6010C
Beryllium	1.9 B	4.0	0.25	ug/l	SW846 6010C
Cadmium	1.7 B	4.0	0.50	ug/l	SW846 6010C
Calcium	221000	5000	38	ug/l	SW846 6010C
Chromium	59.4	10	1.4	ug/l	SW846 6010C
Cobalt	33.0 B	50	0.40	ug/l	SW846 6010C
Copper	159	25	7.0	ug/l	SW846 6010C
Iron	94100	100	20	ug/l	SW846 6010C
Lead	114	5.0	1.7	ug/l	SW846 6010C
Magnesium	71200	5000	59	ug/l	SW846 6010C
Manganese	1350	15	0.81	ug/l	SW846 6010C
Mercury	0.22	0.20	0.067	ug/l	SW846 7470A
Nickel	63.7	40	0.57	ug/l	SW846 6010C
Potassium	42500	5000	160	ug/l	SW846 6010C
Sodium	325000	5000	60	ug/l	SW846 6010C
Vanadium	90.1	10	2.8	ug/l	SW846 6010C
Zinc	921	20	0.50	ug/l	SW846 6010C

MC20727-1F BCP MW-3

Barium	106	50	0.81	ug/l	SW846 6010C
Calcium	136000	5000	38	ug/l	SW846 6010C
Cobalt	0.60 B	50	0.40	ug/l	SW846 6010C
Iron	70.8 B	100	20	ug/l	SW846 6010C
Magnesium	32500	5000	59	ug/l	SW846 6010C
Manganese	396	15	0.81	ug/l	SW846 6010C
Nickel	1.6 B	40	0.57	ug/l	SW846 6010C
Potassium	34500	5000	160	ug/l	SW846 6010C
Sodium	316000	5000	60	ug/l	SW846 6010C
Zinc	18.9 B	20	0.50	ug/l	SW846 6010C

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID:	BCP MW-3	Date Sampled:	05/09/13
Lab Sample ID:	MC20727-1	Date Received:	05/10/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R30447.D	1	05/14/13	KD	n/a	n/a	MSR1106
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.74	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3	Date Sampled:	05/09/13
Lab Sample ID:	MC20727-1	Date Received:	05/10/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 1 of 3

Client Sample ID:	BCP MW-3	Date Sampled:	05/09/13
Lab Sample ID:	MC20727-1	Date Received:	05/10/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F64093.D	1	05/16/13	KR	05/11/13	OP33090	MSF2987
Run #2							

Run #	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	0.40	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.51	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.34	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.52	ug/l	
100-02-7	4-Nitrophenol	ND	21	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.2	0.53	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.59	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.33	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.58	ug/l	
120-12-7	Anthracene	ND	2.1	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.28	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	0.88	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	0.95	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.1	0.22	ug/l	
218-01-9	Chrysene	ND	2.1	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	0.22	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.2	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3	Date Sampled:	05/09/13
Lab Sample ID:	MC20727-1	Date Received:	05/10/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.2	0.27	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.2	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.70	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.52	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.1	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	0.48	5.2	0.40	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	5.2	0.45	ug/l	
84-66-2	Diethyl phthalate	1.3	5.2	0.52	ug/l	J
131-11-3	Dimethyl phthalate	ND	5.2	0.52	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.0	2.1	0.50	ug/l	J
206-44-0	Fluoranthene	ND	2.1	0.23	ug/l	
86-73-7	Fluorene	ND	2.1	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	0.31	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.2	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	0.28	ug/l	
78-59-1	Isophorone	1.5	5.2	0.21	ug/l	J
91-57-6	2-Methylnaphthalene	ND	2.1	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.29	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.52	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.5	ug/l	
91-20-3	Naphthalene	ND	2.1	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.2	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	0.83	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.56	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.22	ug/l	
129-00-0	Pyrene	ND	2.1	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		15-110%
4165-62-2	Phenol-d5	34%		15-110%
118-79-6	2,4,6-Tribromophenol	91%		15-110%
4165-60-0	Nitrobenzene-d5	100%		30-130%
321-60-8	2-Fluorobiphenyl	88%		30-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3	Date Sampled:	05/09/13
Lab Sample ID:	MC20727-1	Date Received:	05/10/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

Client Sample ID: BCP MW-3	Date Sampled: 05/09/13
Lab Sample ID: MC20727-1	Date Received: 05/10/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method	
Aluminum	39900	200	40	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Antimony	1.9 U	6.0	1.9	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Arsenic	29.2	4.0	2.9	ug/l	1	05/15/13	05/17/13	EAL	SW846 6010C ³	SW846 3010A ⁵
Barium	352	50	0.81	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Beryllium	1.9 B	4.0	0.25	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Cadmium	1.7 B	4.0	0.50	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Calcium	221000	5000	38	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Chromium	59.4	10	1.4	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Cobalt	33.0 B	50	0.40	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Copper	159	25	7.0	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Iron	94100	100	20	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Lead	114	5.0	1.7	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Magnesium	71200	5000	59	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Manganese	1350	15	0.81	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Mercury	0.22	0.20	0.067	ug/l	1	05/13/13	05/14/13	SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	63.7	40	0.57	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Potassium	42500	5000	160	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Selenium	4.8 U	10	4.8	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Silver	1.0 U	5.0	1.0	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Sodium	325000	5000	60	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Thallium	1.9 U	5.0	1.9	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Vanadium	90.1	10	2.8	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵
Zinc	921	20	0.50	ug/l	1	05/15/13	05/15/13	EAL	SW846 6010C ²	SW846 3010A ⁵

(1) Instrument QC Batch: MA15583

(2) Instrument QC Batch: MA15600

(3) Instrument QC Batch: MA15615

(4) Prep QC Batch: MP20947

(5) Prep QC Batch: MP20960

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-3	Date Sampled: 05/09/13
Lab Sample ID: MC20727-1F	Date Received: 05/10/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Antimony	1.9 U	6.0	1.9	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Barium	106	50	0.81	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Calcium	136000	5000	38	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Chromium	1.4 U	10	1.4	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.60 B	50	0.40	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Copper	7.0 U	25	7.0	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Iron	70.8 B	100	20	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Lead	1.7 U	5.0	1.7	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	32500	5000	59	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Manganese	396	15	0.81	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	05/15/13	05/16/13 SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	1.6 B	40	0.57	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Potassium	34500	5000	160	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Selenium	4.8 U	10	4.8	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Sodium	316000	5000	60	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	2.8 U	10	2.8	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³
Zinc	18.9 B	20	0.50	ug/l	1	05/15/13	05/15/13 EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15597

(2) Instrument QC Batch: MA15600

(3) Prep QC Batch: MP20960

(4) Prep QC Batch: MP20965

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

[illegible]

5.1

MC20727: Chain of Custody

Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC20727 **Client:** ENSOL, INC **Immediate Client Services Action Required:** No
Date / Time Received: 5/10/2013 **Delivery Method:** **Client Service Action Required at Login:** No
Project: 125 MAIN ST SITE **No. Coolers:** 1 **Airbill #'s:**

Cooler Security **Y or N**
1. Custody Seals Present: ☒ ☐ 3. COC Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐ 4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature **Y or N**
1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: Infrared gun
3. Cooler media: Ice (bag)

Quality Control Preservation **Y** **or** **N** **N/A**
1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation **Y** **or** **N**
1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition **Y** **or** **N**
1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions **Y** **or** **N** **N/A**
1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments



05/24/13

Technical Report for

ENSOL, Inc

Benderson, 125 Main Street, Buffalo, NY

12-0069-1

Accutest Job Number: MC20486

Sampling Date: 05/02/13

Report to:

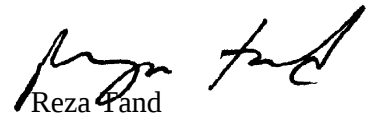
ENSOL, Inc
661 Main Street
Niagra Falls, NY 14301
dpopp@ensolinc.com

ATTN: Daniel Popp

Total number of pages in report: **680**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

ENSOL, Inc

Job No: MC20486

Benderson, 125 Main Street, Buffalo, NY
Project No: 12-0069-1

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
MC20486-1	05/02/13	10:30 DP	05/04/13	AQ	Ground Water	BCP MW-2
MC20486-1F	05/02/13	10:30 DP	05/04/13	AQ	Groundwater Filtered	BCP MW-2
MC20486-2	05/02/13	11:25 DP	05/04/13	AQ	Ground Water	MW-1R
MC20486-2F	05/02/13	11:25 DP	05/04/13	AQ	Groundwater Filtered	MW-1R
MC20486-3	05/02/13	13:00 DP	05/04/13	AQ	Ground Water	BCP MW-6R
MC20486-3F	05/02/13	13:00 DP	05/04/13	AQ	Groundwater Filtered	BCP MW-6R

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ENSOL, Inc**Job No** MC20486**Site:** Benderson, 125 Main Street, Buffalo, NY**Report Date** 5/24/2013 12:07:11 PM

3 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on 05/02/2013 and were received at Accutest on 05/04/2013 properly preserved, at 0.7 Deg. C and intact. These Samples received an Accutest job number of MC20486. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ**Batch ID:** MSK2292

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC20390-2AMS, MC20390-2AMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MSK2292-BS for 1,1,2,2-Tetrachloroethane, 1,2-Dichloroethane, 2-Hexanone are outside control limits. Blank Spike meets program technical requirements.
- MC20390-2AMS for 1,2-Dichloroethane, Acetone, Carbon tetrachloride, trans-1,3-Dichloropropene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC20390-2AMSD for 1,2-Dichloroethane, Carbon tetrachloride, trans-1,3-Dichloropropene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- Initial calibration verification standard MSK2235-ICV2235 for dichlorodifluoromethane exceed 50% Difference. (Results biased high). Associated samples are non-detect for these compounds.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ

Batch ID: OP32974

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC20500-11MS, MC20500-11MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP32974-BS for Dimethyl phthalate, Hexachlorocyclopentadiene are outside control limits. Blank Spike meets program technical requirements.
- OP32974-MS/MSD for Dimethyl phthalate, Hexachlorocyclopentadiene are outside control limits. Blank Spike meets program technical requirements.
- RPD(s) for OP32974-MSD for Benzo(b)fluoranthene are outside control limits. High RPD due to possible matrix interference and/or sample non-homogeneity.
- MC20486-2 for Phenol-d5: Outside control limits. Sample re-extracted/reanalyzed.

Matrix: AQ

Batch ID: OP33140

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- OP33140-BS/BSd for 3&4-Methylphenol, 4-Nitrophenol, Phenol are outside control limits. Blank Spike meets program technical requirements.
- MC20486-2: Sample re-extracted beyond recommended holding time.
- OP33140-BSd for Phenol-d5: Outside control limits. Blank Spike meets program technical requirements.
- OP33140-MB for Phenol-d5: Outside control limits. Meets program technical requirements.
- OP33140-MS/MSD for Phenol are outside control limits due to possible matrix interference. Refer to Blank Spike.
- OP33140-MSD for 2,4-Dimethylphenol are outside control limits due to possible matrix interference. Refer to Blank Spike.

Metals By Method SW846 6010C

Matrix: AQ

Batch ID: MP20899

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20448-1FMS, MC20448-1FMDS, MC20448-1FSDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Antimony, Chromium, Manganese, Selenium, Thallium are outside control limits for sample MP20899-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: AQ

Batch ID: MP20909

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20526-1FMS, MC20526-1FMDS, MC20526-1FSDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Beryllium, Cadmium, Cobalt, Copper, Lead are outside control limits for sample MP20909-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A**Matrix:** AQ**Batch ID:** MP20918

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC20448-1FMS, MC20448-1FMSD were used as the QC samples for metals.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report (MC20486).

Summary of Hits

Job Number: MC20486
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 05/02/13



Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
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MC20486-1 BCP MW-2

bis(2-Ethylhexyl)phthalate	0.74 J	2.0	0.49	ug/l	SW846 8270C
Aluminum	7900	200	40	ug/l	SW846 6010C
Antimony	2.3 B	6.0	1.9	ug/l	SW846 6010C
Arsenic	4.2	4.0	2.9	ug/l	SW846 6010C
Barium	188	50	0.81	ug/l	SW846 6010C
Beryllium	0.30 B	4.0	0.25	ug/l	SW846 6010C
Cadmium	0.50 B	4.0	0.50	ug/l	SW846 6010C
Calcium	107000	5000	38	ug/l	SW846 6010C
Chromium	12.0	10	1.4	ug/l	SW846 6010C
Cobalt	4.3 B	50	0.40	ug/l	SW846 6010C
Copper	30.6	25	7.0	ug/l	SW846 6010C
Iron	11700	100	20	ug/l	SW846 6010C
Lead	27.0	5.0	1.7	ug/l	SW846 6010C
Magnesium	15600	5000	59	ug/l	SW846 6010C
Manganese	663	15	0.81	ug/l	SW846 6010C
Nickel	11.1 B	40	0.57	ug/l	SW846 6010C
Potassium	13000	5000	160	ug/l	SW846 6010C
Sodium	939000	25000	300	ug/l	SW846 6010C
Vanadium	18.2	10	2.8	ug/l	SW846 6010C
Zinc	205	20	0.50	ug/l	SW846 6010C

MC20486-1F BCP MW-2

Barium	123	50	0.81	ug/l	SW846 6010C
Calcium	91900	5000	38	ug/l	SW846 6010C
Magnesium	8820	5000	59	ug/l	SW846 6010C
Manganese	512	15	0.81	ug/l	SW846 6010C
Nickel	0.90 B	40	0.57	ug/l	SW846 6010C
Potassium	10900	5000	160	ug/l	SW846 6010C
Sodium	931000	25000	300	ug/l	SW846 6010C
Zinc	6.7 B	20	0.50	ug/l	SW846 6010C

MC20486-2 MW-1R

Aluminum	41200	200	40	ug/l	SW846 6010C
Antimony	11.7	6.0	1.9	ug/l	SW846 6010C
Arsenic	67.4	4.0	2.9	ug/l	SW846 6010C
Barium	672	50	0.81	ug/l	SW846 6010C
Beryllium	4.4	4.0	0.25	ug/l	SW846 6010C
Cadmium	3.2 B	4.0	0.50	ug/l	SW846 6010C
Calcium	851000	25000	190	ug/l	SW846 6010C
Chromium	104	10	1.4	ug/l	SW846 6010C
Cobalt	43.9 B	50	0.40	ug/l	SW846 6010C

Summary of Hits

Job Number: MC20486
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 05/02/13



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		393	25	7.0	ug/l	SW846 6010C
Iron		79000	100	20	ug/l	SW846 6010C
Lead		2110	5.0	1.7	ug/l	SW846 6010C
Magnesium		79500	5000	59	ug/l	SW846 6010C
Manganese		1660	15	0.81	ug/l	SW846 6010C
Mercury		36.5	2.0	0.67	ug/l	SW846 7470A
Nickel		142	40	0.57	ug/l	SW846 6010C
Potassium		57000	5000	160	ug/l	SW846 6010C
Selenium		21.8	10	4.8	ug/l	SW846 6010C
Silver		2.7 B	5.0	1.0	ug/l	SW846 6010C
Sodium		767000	25000	300	ug/l	SW846 6010C
Vanadium		104	10	2.8	ug/l	SW846 6010C
Zinc		1140	20	0.50	ug/l	SW846 6010C

MC20486-2F MW-1R

Antimony	4.1 B	6.0	1.9	ug/l	SW846 6010C
Barium	33.5 B	50	0.81	ug/l	SW846 6010C
Calcium	182000	5000	38	ug/l	SW846 6010C
Cobalt	1.3 B	50	0.40	ug/l	SW846 6010C
Iron	21.8 B	100	20	ug/l	SW846 6010C
Magnesium	42300	5000	59	ug/l	SW846 6010C
Manganese	146	15	0.81	ug/l	SW846 6010C
Nickel	2.0 B	40	0.57	ug/l	SW846 6010C
Potassium	50500	5000	160	ug/l	SW846 6010C
Selenium	9.1 B	10	4.8	ug/l	SW846 6010C
Sodium	751000	25000	300	ug/l	SW846 6010C
Vanadium	4.2 B	10	2.8	ug/l	SW846 6010C
Zinc	17.8 B	20	0.50	ug/l	SW846 6010C

MC20486-3 BCP MW-6R

Aluminum ^a	178000	400	81	ug/l	SW846 6010C
Arsenic ^a	79.2	8.0	5.8	ug/l	SW846 6010C
Barium ^a	873	100	1.6	ug/l	SW846 6010C
Beryllium ^a	8.9	8.0	0.49	ug/l	SW846 6010C
Cadmium ^a	10.3	8.0	0.99	ug/l	SW846 6010C
Calcium ^a	348000	10000	75	ug/l	SW846 6010C
Chromium ^a	349	20	2.9	ug/l	SW846 6010C
Cobalt ^a	145	100	0.80	ug/l	SW846 6010C
Copper ^a	528	50	14	ug/l	SW846 6010C
Iron ^a	315000	200	40	ug/l	SW846 6010C
Lead ^a	579	10	3.4	ug/l	SW846 6010C
Magnesium ^a	109000	10000	120	ug/l	SW846 6010C
Manganese ^a	5360	30	1.6	ug/l	SW846 6010C

Summary of Hits

Job Number: MC20486
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 05/02/13



Lab Sample ID	Client Sample ID	Result/ Analyte Qual	RL	MDL	Units	Method
Mercury		2.2	0.20	0.067	ug/l	SW846 7470A
Nickel ^a		252	80	1.1	ug/l	SW846 6010C
Potassium ^a		53100	10000	330	ug/l	SW846 6010C
Selenium ^a		14.4 B	20	9.5	ug/l	SW846 6010C
Sodium ^a		304000	10000	120	ug/l	SW846 6010C
Vanadium ^a		358	20	5.6	ug/l	SW846 6010C
Zinc ^a		3280	40	0.99	ug/l	SW846 6010C
MC20486-3F	BCP MW-6R					
Barium		52.4	50	0.81	ug/l	SW846 6010C
Cadmium		1.2 B	4.0	0.50	ug/l	SW846 6010C
Calcium		365000	5000	38	ug/l	SW846 6010C
Cobalt		5.8 B	50	0.40	ug/l	SW846 6010C
Magnesium		74900	5000	59	ug/l	SW846 6010C
Manganese		1690	15	0.81	ug/l	SW846 6010C
Nickel		5.0 B	40	0.57	ug/l	SW846 6010C
Potassium		42000	5000	160	ug/l	SW846 6010C
Selenium		23.6	10	4.8	ug/l	SW846 6010C
Sodium		373000	5000	60	ug/l	SW846 6010C
Zinc		11.2 B	20	0.50	ug/l	SW846 6010C

(a) Elevated RL due to dilution required for matrix interference.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

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Client Sample ID:	BCP MW-2	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-1	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K69906.D	1	05/09/13	GK	n/a	n/a	MSK2292
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.74	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-1	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

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Client Sample ID:	BCP MW-2	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-1	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W11951.D	1	05/07/13	KR	05/06/13	OP32974	MSW552
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-2
Lab Sample ID: MC20486-1
Matrix: AQ - Ground Water
Method: SW846 8270C SW846 3510C
Project: Benderson, 125 Main Street, Buffalo, NY

Date Sampled: 05/02/13

Date Received: 05/04/13

Percent Solids: n/a

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.74	2.0	0.49	ug/l	J
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		15-110%
4165-62-2	Phenol-d5	29%		15-110%
118-79-6	2,4,6-Tribromophenol	80%		15-110%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-1	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-2	Date Sampled: 05/02/13
Lab Sample ID: MC20486-1	Date Received: 05/04/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	7900	200	40	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Antimony	2.3 B	6.0	1.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Arsenic	4.2	4.0	2.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Barium	188	50	0.81	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Beryllium	0.30 B	4.0	0.25	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Cadmium	0.50 B	4.0	0.50	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Calcium	107000	5000	38	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Chromium	12.0	10	1.4	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Cobalt	4.3 B	50	0.40	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Copper	30.6	25	7.0	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Iron	11700	100	20	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Lead	27.0	5.0	1.7	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Magnesium	15600	5000	59	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Manganese	663	15	0.81	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	05/08/13	05/09/13 SA	SW846 7470A ²	SW846 7470A ⁴
Nickel	11.1 B	40	0.57	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Potassium	13000	5000	160	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Selenium	4.8 U	10	4.8	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Sodium	939000	25000	300	ug/l	5	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Vanadium	18.2	10	2.8	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Zinc	205	20	0.50	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA15548

(2) Instrument QC Batch: MA15550

(3) Prep QC Batch: MP20899

(4) Prep QC Batch: MP20918

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-2	Date Sampled: 05/02/13
Lab Sample ID: MC20486-1F	Date Received: 05/04/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Antimony	1.9 U	6.0	1.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Barium	123	50	0.81	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Calcium	91900	5000	38	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Chromium	1.4 U	10	1.4	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.40 U	50	0.40	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Copper	7.0 U	25	7.0	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Iron	20 U	100	20	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Lead	1.7 U	5.0	1.7	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	8820	5000	59	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Manganese	512	15	0.81	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	05/08/13	05/09/13 SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	0.90 B	40	0.57	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Potassium	10900	5000	160	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Selenium	4.8 U	10	4.8	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Sodium	931000	25000	300	ug/l	5	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	2.8 U	10	2.8	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³
Zinc	6.7 B	20	0.50	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15550

(2) Instrument QC Batch: MA15574

(3) Prep QC Batch: MP20909

(4) Prep QC Batch: MP20918

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID:	MW-1R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-2	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K69907.D	1	05/09/13	GK	n/a	n/a	MSK2292
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.74	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-2	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

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Client Sample ID:	MW-1R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-2	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W11952.D	1	05/07/13	KR	05/06/13	OP32974	MSW552
Run #2 ^a	F64070.D	1	05/16/13	KR	05/15/13	OP33140	MSF2986

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND ^b	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND ^b	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND ^b	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND ^b	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND ^b	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND ^b	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND ^b	10	1.3	ug/l	
	3&4-Methylphenol	ND ^b	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND ^b	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND ^b	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND ^b	10	1.3	ug/l	
108-95-2	Phenol	ND ^b	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND ^b	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND ^b	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-2	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.50	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%	36%	15-110%
4165-62-2	Phenol-d5	2% ^c	26%	15-110%
118-79-6	2,4,6-Tribromophenol	63%	72%	15-110%
4165-60-0	Nitrobenzene-d5	67%	80%	30-130%
321-60-8	2-Fluorobiphenyl	60%	67%	30-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-2	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	62%	75%	30-130%

- (a) Sample re-extracted beyond recommended holding time.
(b) Result is from Run# 2
(c) Outside control limits. Sample re-extracted/reanalyzed.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-1R	Date Sampled: 05/02/13
Lab Sample ID: MC20486-2	Date Received: 05/04/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	41200	200	40	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Antimony	11.7	6.0	1.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Arsenic	67.4	4.0	2.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Barium	672	50	0.81	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Beryllium	4.4	4.0	0.25	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Cadmium	3.2 B	4.0	0.50	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Calcium	851000	25000	190	ug/l	5	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Chromium	104	10	1.4	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Cobalt	43.9 B	50	0.40	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Copper	393	25	7.0	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Iron	79000	100	20	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Lead	2110	5.0	1.7	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Magnesium	79500	5000	59	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Manganese	1660	15	0.81	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Mercury	36.5	2.0	0.67	ug/l	10	05/08/13	05/09/13 SA	SW846 7470A ²	SW846 7470A ⁴
Nickel	142	40	0.57	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Potassium	57000	5000	160	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Selenium	21.8	10	4.8	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Silver	2.7 B	5.0	1.0	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Sodium	767000	25000	300	ug/l	5	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Vanadium	104	10	2.8	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³
Zinc	1140	20	0.50	ug/l	1	05/06/13	05/07/13 EAL	SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA15548

(2) Instrument QC Batch: MA15550

(3) Prep QC Batch: MP20899

(4) Prep QC Batch: MP20918

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: MW-1R	Date Sampled: 05/02/13
Lab Sample ID: MC20486-2F	Date Received: 05/04/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	05/08/13	05/11/13 EAL	SW846 6010C ³	SW846 3010A ⁴
Antimony	4.1 B	6.0	1.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Arsenic	2.9 U	4.0	2.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	33.5 B	50	0.81	ug/l	1	05/08/13	05/11/13 EAL	SW846 6010C ³	SW846 3010A ⁴
Beryllium	0.25 U	4.0	0.25	ug/l	1	05/08/13	05/11/13 EAL	SW846 6010C ³	SW846 3010A ⁴
Cadmium	0.50 U	4.0	0.50	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Calcium	182000	5000	38	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	1.4 U	10	1.4	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Cobalt	1.3 B	50	0.40	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Copper	7.0 U	25	7.0	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Iron	21.8 B	100	20	ug/l	1	05/08/13	05/11/13 EAL	SW846 6010C ³	SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Magnesium	42300	5000	59	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Manganese	146	15	0.81	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.067 U	0.20	0.067	ug/l	1	05/08/13	05/09/13 SA	SW846 7470A ¹	SW846 7470A ⁵
Nickel	2.0 B	40	0.57	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Potassium	50500	5000	160	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Selenium	9.1 B	10	4.8	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Sodium	751000	25000	300	ug/l	5	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Thallium	1.9 U	5.0	1.9	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Vanadium	4.2 B	10	2.8	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴
Zinc	17.8 B	20	0.50	ug/l	1	05/08/13	05/10/13 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA15550

(2) Instrument QC Batch: MA15574

(3) Instrument QC Batch: MA15577

(4) Prep QC Batch: MP20909

(5) Prep QC Batch: MP20918

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Page 1 of 2

Client Sample ID:	BCP MW-6R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-3	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K69908.D	1	05/09/13	GK	n/a	n/a	MSK2292
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.74	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-6R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-3	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Benderson, 125 Main Street, Buffalo, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Page 1 of 3

Client Sample ID:	BCP MW-6R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-3	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W11953.D	1	05/07/13	KR	05/06/13	OP32974	MSW552
Run #2							

Run #	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.59	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.86	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.93	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-6R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-3	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		15-110%
4165-62-2	Phenol-d5	19%		15-110%
118-79-6	2,4,6-Tribromophenol	68%		15-110%
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	55%		30-130%

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-6R	Date Sampled:	05/02/13
Lab Sample ID:	MC20486-3	Date Received:	05/04/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	Benderson, 125 Main Street, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	71%		30-130%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.5
4

Report of Analysis

Client Sample ID: BCP MW-6R

Lab Sample ID: MC20486-3

Matrix: AQ - Ground Water

Date Sampled: 05/02/13

Date Received: 05/04/13

Percent Solids: n/a

Project: Benderson, 125 Main Street, Buffalo, NY

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method	
Aluminum ^a	178000	400	81	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Antimony ^a	3.9 U	12	3.9	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Arsenic ^a	79.2	8.0	5.8	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Barium ^a	873	100	1.6	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Beryllium ^a	8.9	8.0	0.49	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Cadmium ^a	10.3	8.0	0.99	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Calcium ^a	348000	10000	75	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Chromium ^a	349	20	2.9	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Cobalt ^a	145	100	0.80	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Copper ^a	528	50	14	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Iron ^a	315000	200	40	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Lead ^a	579	10	3.4	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Magnesium ^a	109000	10000	120	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Manganese ^a	5360	30	1.6	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Mercury	2.2	0.20	0.067	ug/l	1	05/08/13	05/09/13	SA	SW846 7470A ²	SW846 7470A ⁴
Nickel ^a	252	80	1.1	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Potassium ^a	53100	10000	330	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Selenium ^a	14.4 B	20	9.5	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Silver ^a	2.0 U	10	2.0	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Sodium ^a	304000	10000	120	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Thallium ^a	3.7 U	10	3.7	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Vanadium ^a	358	20	5.6	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³
Zinc ^a	3280	40	0.99	ug/l	2	05/06/13	05/07/13	EAL	SW846 6010C ¹	SW846 3010A ³

(1) Instrument QC Batch: MA15548

(2) Instrument QC Batch: MA15550

(3) Prep QC Batch: MP20899

(4) Prep QC Batch: MP20918

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-6R	Date Sampled: 05/02/13
Lab Sample ID: MC20486-3F	Date Received: 05/04/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	05/08/13	05/11/13	EAL	SW846 6010C ³ SW846 3010A ⁴
Antimony	1.9 U	6.0	1.9	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Arsenic	2.9 U	4.0	2.9	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Barium	52.4	50	0.81	ug/l	1	05/08/13	05/11/13	EAL	SW846 6010C ³ SW846 3010A ⁴
Beryllium	0.25 U	4.0	0.25	ug/l	1	05/08/13	05/11/13	EAL	SW846 6010C ³ SW846 3010A ⁴
Cadmium	1.2 B	4.0	0.50	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Calcium	365000	5000	38	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Chromium	1.4 U	10	1.4	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Cobalt	5.8 B	50	0.40	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Copper	7.0 U	25	7.0	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Iron	20 U	100	20	ug/l	1	05/08/13	05/11/13	EAL	SW846 6010C ³ SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Magnesium	74900	5000	59	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Manganese	1690	15	0.81	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Mercury	0.067 U	0.20	0.067	ug/l	1	05/08/13	05/09/13	SA	SW846 7470A ¹ SW846 7470A ⁵
Nickel	5.0 B	40	0.57	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Potassium	42000	5000	160	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Selenium	23.6	10	4.8	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Sodium	373000	5000	60	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Thallium	1.9 U	5.0	1.9	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Vanadium	2.8 U	10	2.8	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴
Zinc	11.2 B	20	0.50	ug/l	1	05/08/13	05/10/13	EAL	SW846 6010C ² SW846 3010A ⁴

(1) Instrument QC Batch: MA15550

(2) Instrument QC Batch: MA15574

(3) Instrument QC Batch: MA15577

(4) Prep QC Batch: MP20909

(5) Prep QC Batch: MP20918

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

[illegible]

MC20486: Chain of Custody

Page 1 of 2



07/08/13

Technical Report for

ENSOL, Inc

Benderson, 125 Main Street, Buffalo, NY

12-0069-2 PO#988001-77

Accutest Job Number: MC22370

Sampling Date: 06/27/13

Report to:

ENSOL, Inc
661 Main Street
Niagra Falls, NY 14301
dpopp@ensolinc.com

ATTN: Daniel Popp

Total number of pages in report: **131**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

ENSOL, Inc

Job No: MC22370

Benderson, 125 Main Street, Buffalo, NY

Project No: 12-0069-2 PO#988001-77

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
MC22370-1	06/27/13	15:39 DP	06/29/13	AQ	Ground Water	BCP MW-2
MC22370-1F	06/27/13	15:39 DP	06/29/13	AQ	Groundwater Filtered	BCP MW-2
MC22370-2	06/27/13	16:13 DP	06/29/13	AQ	Ground Water	BCP MW-3
MC22370-2F	06/27/13	16:13 DP	06/29/13	AQ	Groundwater Filtered	BCP MW-3
MC22370-3	06/27/13	16:45 DP	06/29/13	AQ	Ground Water	BCP MW-1R
MC22370-3F	06/27/13	16:45 DP	06/29/13	AQ	Groundwater Filtered	BCP MW-1R
MC22370-4	06/27/13	16:56 DP	06/29/13	AQ	Ground Water	BCP MW-6R
MC22370-4F	06/27/13	16:56 DP	06/29/13	AQ	Groundwater Filtered	BCP MW-6R



SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ENSOL, Inc

Job No MC22370

Site: Benderson, 125 Main Street, Buffalo, NY

Report Date 7/8/2013 2:06:11 PM

4 Sample(s) were collected on 06/27/2013 and were received at Accutest on 06/29/2013 properly preserved, at 0.5 Deg. C and intact. These Samples received an Accutest job number of MC22370. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix AQ

Batch ID: MP21286

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD, MC22375-2SDL were used as the QC samples for metals.
- MS/MSD Recovery(s) for Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Aluminum, Cobalt, Copper, Nickel, Thallium are outside control limits for sample MP21286-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21286-SD1 for Sodium: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix AQ

Batch ID: MP21292

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples for metals.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22370).

Summary of Hits

Job Number: MC22370
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 06/27/13



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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MC22370-1 BCP MW-2

Aluminum	462	200	40	ug/l	SW846 6010C
Arsenic	4.0	4.0	2.9	ug/l	SW846 6010C
Barium	121	50	0.81	ug/l	SW846 6010C
Calcium	83000	5000	38	ug/l	SW846 6010C
Iron	675	100	20	ug/l	SW846 6010C
Magnesium	8330	5000	59	ug/l	SW846 6010C
Manganese	501	15	0.81	ug/l	SW846 6010C
Mercury	0.080 B	0.20	0.067	ug/l	SW846 7470A
Nickel	1.5 B	40	0.57	ug/l	SW846 6010C
Potassium	11500	5000	160	ug/l	SW846 6010C
Sodium	962000	25000	300	ug/l	SW846 6010C
Zinc	7.3 B	20	0.50	ug/l	SW846 6010C

MC22370-1F BCP MW-2

Arsenic	3.5 B	4.0	2.9	ug/l	SW846 6010C
Barium	114	50	0.81	ug/l	SW846 6010C
Calcium	80900	5000	38	ug/l	SW846 6010C
Magnesium	8070	5000	59	ug/l	SW846 6010C
Manganese	480	15	0.81	ug/l	SW846 6010C
Nickel	1.0 B	40	0.57	ug/l	SW846 6010C
Potassium	11300	5000	160	ug/l	SW846 6010C
Sodium	939000	25000	300	ug/l	SW846 6010C
Zinc	5.2 B	20	0.50	ug/l	SW846 6010C

MC22370-2 BCP MW-3

Aluminum	614	200	40	ug/l	SW846 6010C
Antimony	3.7 B	6.0	1.9	ug/l	SW846 6010C
Barium	55.5	50	0.81	ug/l	SW846 6010C
Calcium	125000	5000	38	ug/l	SW846 6010C
Chromium	1.7 B	10	1.4	ug/l	SW846 6010C
Iron	944	100	20	ug/l	SW846 6010C
Lead	1.8 B	5.0	1.7	ug/l	SW846 6010C
Magnesium	14200	5000	59	ug/l	SW846 6010C
Manganese	21.8	15	0.81	ug/l	SW846 6010C
Nickel	0.90 B	40	0.57	ug/l	SW846 6010C
Potassium	28700	5000	160	ug/l	SW846 6010C
Selenium	12.8	10	4.8	ug/l	SW846 6010C
Sodium	374000	5000	60	ug/l	SW846 6010C
Vanadium	3.2 B	10	2.8	ug/l	SW846 6010C
Zinc	10.1 B	20	0.50	ug/l	SW846 6010C

Summary of Hits

Job Number: MC22370
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 06/27/13



Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
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MC22370-2F BCP MW-3

Antimony	3.1 B	6.0	1.9	ug/l	SW846 6010C
Barium	47.6 B	50	0.81	ug/l	SW846 6010C
Calcium	117000	5000	38	ug/l	SW846 6010C
Magnesium	13100	5000	59	ug/l	SW846 6010C
Manganese	15.8	15	0.81	ug/l	SW846 6010C
Potassium	26600	5000	160	ug/l	SW846 6010C
Selenium	11.3	10	4.8	ug/l	SW846 6010C
Sodium	354000	5000	60	ug/l	SW846 6010C
Zinc	7.5 B	20	0.50	ug/l	SW846 6010C

MC22370-3 BCP MW-1R

Aluminum	978	200	40	ug/l	SW846 6010C
Antimony	5.9 B	6.0	1.9	ug/l	SW846 6010C
Arsenic	5.1	4.0	2.9	ug/l	SW846 6010C
Barium	22.4 B	50	0.81	ug/l	SW846 6010C
Calcium	92800	5000	38	ug/l	SW846 6010C
Chromium	4.0 B	10	1.4	ug/l	SW846 6010C
Cobalt	0.90 B	50	0.40	ug/l	SW846 6010C
Copper	14.5 B	25	7.0	ug/l	SW846 6010C
Iron	1230	100	20	ug/l	SW846 6010C
Lead	32.8	5.0	1.7	ug/l	SW846 6010C
Magnesium	18300	5000	59	ug/l	SW846 6010C
Manganese	44.6	15	0.81	ug/l	SW846 6010C
Mercury	0.46	0.20	0.067	ug/l	SW846 7470A
Nickel	5.6 B	40	0.57	ug/l	SW846 6010C
Potassium	38000	5000	160	ug/l	SW846 6010C
Sodium	414000	5000	60	ug/l	SW846 6010C
Vanadium	8.5 B	10	2.8	ug/l	SW846 6010C
Zinc	42.4	20	0.50	ug/l	SW846 6010C

MC22370-3F BCP MW-1R

Antimony	6.0	6.0	1.9	ug/l	SW846 6010C
Barium	14.5 B	50	0.81	ug/l	SW846 6010C
Calcium	88200	5000	38	ug/l	SW846 6010C
Cobalt	0.50 B	50	0.40	ug/l	SW846 6010C
Iron	26.6 B	100	20	ug/l	SW846 6010C
Magnesium	17400	5000	59	ug/l	SW846 6010C
Manganese	26.4	15	0.81	ug/l	SW846 6010C
Nickel	3.8 B	40	0.57	ug/l	SW846 6010C
Potassium	36600	5000	160	ug/l	SW846 6010C
Selenium	5.2 B	10	4.8	ug/l	SW846 6010C

Summary of Hits

Job Number: MC22370
Account: ENSOL, Inc
Project: Benderson, 125 Main Street, Buffalo, NY
Collected: 06/27/13



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Sodium		401000	5000	60	ug/l	SW846 6010C
Vanadium		5.4 B	10	2.8	ug/l	SW846 6010C
Zinc		24.3	20	0.50	ug/l	SW846 6010C

MC22370-4 BCP MW-6R

Aluminum		2400	200	40	ug/l	SW846 6010C
Barium		82.0	50	0.81	ug/l	SW846 6010C
Calcium		297000	5000	38	ug/l	SW846 6010C
Chromium		5.2 B	10	1.4	ug/l	SW846 6010C
Cobalt		0.80 B	50	0.40	ug/l	SW846 6010C
Copper		10.0 B	25	7.0	ug/l	SW846 6010C
Iron		3480	100	20	ug/l	SW846 6010C
Lead		7.1	5.0	1.7	ug/l	SW846 6010C
Magnesium		63500	5000	59	ug/l	SW846 6010C
Manganese		39.9	15	0.81	ug/l	SW846 6010C
Nickel		3.5 B	40	0.57	ug/l	SW846 6010C
Potassium		35800	5000	160	ug/l	SW846 6010C
Selenium		30.4	10	4.8	ug/l	SW846 6010C
Sodium		295000	5000	60	ug/l	SW846 6010C
Vanadium		5.4 B	10	2.8	ug/l	SW846 6010C
Zinc		47.2	20	0.50	ug/l	SW846 6010C

MC22370-4F BCP MW-6R

Barium		67.1	50	0.81	ug/l	SW846 6010C
Calcium		283000	5000	38	ug/l	SW846 6010C
Iron		79.8 B	100	20	ug/l	SW846 6010C
Magnesium		60000	5000	59	ug/l	SW846 6010C
Manganese		11.7 B	15	0.81	ug/l	SW846 6010C
Nickel		0.80 B	40	0.57	ug/l	SW846 6010C
Potassium		33700	5000	160	ug/l	SW846 6010C
Selenium		28.5	10	4.8	ug/l	SW846 6010C
Sodium		287000	5000	60	ug/l	SW846 6010C
Zinc		14.3 B	20	0.50	ug/l	SW846 6010C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BCP MW-2	Date Sampled: 06/27/13
Lab Sample ID: MC22370-1	Date Received: 06/29/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	462	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Arsenic	4.0	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Barium	121	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Calcium	83000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Iron	675	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Magnesium	8330	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Manganese	501	15	0.81	ug/l	1	07/01/13	07/03/13	EAL	SW846 6010C ³
Mercury	0.080 B	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹
Nickel	1.5 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Potassium	11500	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Sodium	962000	25000	300	ug/l	5	07/01/13	07/03/13	EAL	SW846 6010C ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Zinc	7.3 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Instrument QC Batch: MA15840

(4) Prep QC Batch: MP21286

(5) Prep QC Batch: MP21292

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-2	Date Sampled: 06/27/13
Lab Sample ID: MC22370-1F	Date Received: 06/29/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Arsenic	3.5 B	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Barium	114	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Calcium	80900	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Iron	20 U	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Magnesium	8070	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Manganese	480	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹
Nickel	1.0 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Potassium	11300	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Sodium	939000	25000	300	ug/l	5	07/01/13	07/03/13	EAL	SW846 6010C ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Zinc	5.2 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Instrument QC Batch: MA15840

(4) Prep QC Batch: MP21286

(5) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-3	Date Sampled: 06/27/13
Lab Sample ID: MC22370-2	Date Received: 06/29/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	614	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Antimony	3.7 B	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Barium	55.5	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Calcium	125000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Chromium	1.7 B	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Iron	944	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Lead	1.8 B	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Magnesium	14200	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Manganese	21.8	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹
Nickel	0.90 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Potassium	28700	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Selenium	12.8	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Sodium	374000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Vanadium	3.2 B	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²
Zinc	10.1 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-3	Date Sampled: 06/27/13
Lab Sample ID: MC22370-2F	Date Received: 06/29/13
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Benderson, 125 Main Street, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Antimony	3.1 B	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Barium	47.6 B	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Calcium	117000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Iron	20 U	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	13100	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Manganese	15.8	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	0.57 U	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Potassium	26600	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Selenium	11.3	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Sodium	354000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Zinc	7.5 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-1R

Lab Sample ID: MC22370-3

Matrix: AQ - Ground Water

Date Sampled: 06/27/13

Date Received: 06/29/13

Percent Solids: n/a

Project: Benderson, 125 Main Street, Buffalo, NY

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	978	200	40	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Antimony	5.9 B	6.0	1.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	5.1	4.0	2.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Barium	22.4 B	50	0.81	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Calcium	92800	5000	38	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Chromium	4.0 B	10	1.4	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.90 B	50	0.40	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Copper	14.5 B	25	7.0	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Iron	1230	100	20	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Lead	32.8	5.0	1.7	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	18300	5000	59	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Manganese	44.6	15	0.81	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.46	0.20	0.067	ug/l	1	07/01/13	07/03/13 SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	5.6 B	40	0.57	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Potassium	38000	5000	160	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Sodium	414000	5000	60	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	8.5 B	10	2.8	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Zinc	42.4	20	0.50	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-1R

Lab Sample ID: MC22370-3F

Matrix: AQ - Groundwater Filtered

Date Sampled: 06/27/13

Date Received: 06/29/13

Percent Solids: n/a

Project: Benderson, 125 Main Street, Buffalo, NY

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method	
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Antimony	6.0	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Barium	14.5 B	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Calcium	88200	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.50 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Iron	26.6 B	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	17400	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Manganese	26.4	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	3.8 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Potassium	36600	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Selenium	5.2 B	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Sodium	401000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	5.4 B	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Zinc	24.3	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-6R

Lab Sample ID: MC22370-4

Matrix: AQ - Ground Water

Date Sampled: 06/27/13

Date Received: 06/29/13

Percent Solids: n/a

Project: Benderson, 125 Main Street, Buffalo, NY

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analized By	Method	Prep Method
Aluminum	2400	200	40	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Barium	82.0	50	0.81	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Calcium	297000	5000	38	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Chromium	5.2 B	10	1.4	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.80 B	50	0.40	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Copper	10.0 B	25	7.0	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Iron	3480	100	20	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Lead	7.1	5.0	1.7	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	63500	5000	59	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Manganese	39.9	15	0.81	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13 SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	3.5 B	40	0.57	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Potassium	35800	5000	160	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Selenium	30.4	10	4.8	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Sodium	295000	5000	60	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	5.4 B	10	2.8	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³
Zinc	47.2	20	0.50	ug/l	1	07/01/13	07/02/13 EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: BCP MW-6R

Lab Sample ID: MC22370-4F

Matrix: AQ - Groundwater Filtered

Date Sampled: 06/27/13

Date Received: 06/29/13

Percent Solids: n/a

Project: Benderson, 125 Main Street, Buffalo, NY

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Barium	67.1	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Calcium	283000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Iron	79.8 B	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Magnesium	60000	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Manganese	11.7 B	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A ¹	SW846 7470A ⁴
Nickel	0.80 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Potassium	33700	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Selenium	28.5	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Sodium	287000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³
Zinc	14.3 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA15824

(2) Instrument QC Batch: MA15829

(3) Prep QC Batch: MP21286

(4) Prep QC Batch: MP21292

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

[illegible]

SYRACUSE SC

MC22370: Chain of Custody

Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22370 **Client:** ENSOL INC **Immediate Client Services Action Required:** No
Date / Time Received: 6/29/2013 **Delivery Method:** **Client Service Action Required at Login:** No
Project: 125 MAIN ST SITE **No. Coolers:** 1 **Airbill #'s:**

Cooler Security **Y or N**
1. Custody Seals Present: ☒ ☐ 3. COC Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐ 4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature **Y or N**
1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: Infrared gun
3. Cooler media: Ice (bag)

Quality Control Preservation **Y** **or** **N** **N/A**
1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation **Y** **or** **N**
1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition **Y** **or** **N**
1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions **Y** **or** **N** **N/A**
1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

Appendix C

EnSol, Inc. *Environmental Solutions*

professional engineering – business consulting

RI Data Usability Summary Reports (DUSR)

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

March 7, 2013

Michael Lesakowski
Benchmark Env. Engineers
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: **Data Usability Summary Report** for the Former Donovan, 125 Main Street Site
Alpha SDG Nos. L1210206, L1210540, L1210762, L1210832, L1211139, L1211581,
L1211689, and L1215819
TAL SDG No. 480-12953

Dear Mr. Lesakowski:

Review has been completed for the data packages noted above, generated by Test America Laboratories that pertain to samples collected between 11/17/11 and 09/05/12 at the 125 Main Street site. Eighteen soil samples, two soil field duplicates, nine aqueous samples, and an aqueous field duplicate were processed for TCL and STARS volatiles, TCL semivolatiles, TCL Pesticides, TCL PCBs, TCL herbicides, and TAL metals. Four soil samples were processed for TCL semivolatiles, TCL Pesticides, TCL PCBs, TCL herbicides, and TAL metals. Five soil samples were processed for TCL and STARS volatiles. Sixteen soil samples and a field duplicate were processed for PAHs and RCRA metals. The analytical methods utilized are those of the USEPA SW846 6000/7000/8000.

The data packages submitted contain full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, the specific laboratory methodologies, and professional judgment, as affects the usability of the data. The following items were reviewed:

- * Laboratory Narrative Discussion
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Matrix Spike Recoveries/Duplicate Correlations
- * Field Duplicate Correlations
- * Preparation/Calibration Blanks
- * Control Spike/Laboratory Control Samples
- * Instrumental Tunes
- * Calibration/Low Level Standards

- * ICP Serial Dilution
- * Instrument IDLs
- * Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, sample analyses were primarily conducted in compliance with the required analytical protocols. Most sample results are usable either as reported or with qualification. However, the following data are rejected. Re-sampling and reanalysis are not likely to result in improved data quality.

- o one volatile analyte in one sample is rejected due to an apparent matrix effect
- o results for 1,4-dioxane are rejected in all samples due to methodology
- o acid analytes (phenolics) results in five field samples and a field duplicate are rejected due to apparent matrix effects.

Other concerns are that all filtered metals results are qualified as estimated due to delayed filtration (and preservation), and no soil pesticide matrix spikes were processed. The following text discusses quality issues of concern.

Accuracy and precision for most analytes are acceptable (with the exception of those for pesticides in soil, which are not known). Data completeness goals are met, as all data except for those limited number of analytes noted above are usable.

Copies of the sample identification summaries and the laboratory case narratives are attached to this text, and should be reviewed in conjunction with this report. Also included with the report are client results tables annotated to reflect the qualifications recommended within this report, where possible.

Because the client tables report only analytes showing detection, not all qualifiers could be entered thereupon. Specifically, the rejected data points and some of the "UJ" qualifications noted below are not annotated. Additionally, elevated reporting limits for semivolatiles that are a result of dilution are not evident.

Data Package Completeness

Required laboratory flags such as the organic "B" flag (indicating presence in the associated method blank) and all metals flags (denoting outlying spike recoveries, duplicate correlations, and serial dilution values) were not applied to the sample report forms.

ICP serial dilution QC summary forms do not include all required elements.

The laboratory reported a more extensive volatile analyte list than that requested.

Errors were noted on some of the pesticide QC summary Forms 10.

Some of the laboratory case narratives were not complete as regards the discussion of outlying pesticide calibration standard responses and serial dilution evaluations.

Chains-of-Custody

The metals fraction of the aqueous samples were not filtered and preserved until laboratory receipt the following day. Therefore, all metals results in the aqueous samples have been qualified as estimated in value, with a possible low bias.

The final receipt date on the second page of the custodies for samples collected 06/13/12 should be 06/15/12, not 06/12/12.

Blind Duplicate Evaluations

The blind field duplicates were collected at SB-2(1-2), TP-1(15-17), MW-2R, and Post Excav 2. The correlations were within validation guidelines, with the exceptions of those for the following, results for which are qualified as estimated in the parent sample and its respective duplicate:

- selenium (57%RSD) in PostExcav 2
- semivolatile detected concentrations in Post Excav 2 are five to ten times higher in the parent sample than the duplicate
- arsenic, iron, lead, and zinc (61%RPD to 119%RPD) in SB-2(1-2)
- benzo(b)fluoranthene and methoxychlor ($>\pm 2$ XCRL) in TP-1(15-17)
- aluminum, barium, iron, potassium, sodium, zinc (38%RPD to 146%RPD), and lead ($>\pm$ CRDL) in MW-2R (filtered)

The correlations for metals in the metals fraction of the aqueous sample MW-2R are worse than those typically seen in aqueous samples. All results for those metals have been qualified as estimated due to delayed preservation.

STARS and TCL Volatile Analyses by EPA 8260B

SB-1(1-2), SB-2(1-2), SB-3(1-2), and BLIND DUP (L1200206) show low recoveries for one surrogate standard. The samples were not reanalyzed. All results for those samples are qualified as estimated in value.

The result for o-xylene in TP-8(10-12) is qualified as tentative in identification and estimated in value due to poor spectral quality.

Matrix spikes of SB-1(1-2) show no recovery for 1,1,2,2-tetrachloroethane, and the result for that compound in the parent sample is to be rejected, and not usable.

Due to presence in the associated method blank, the following results are considered contamination, and edited to non-detection:

- carbon disulfide in samples reported in SDG L1210206
- methylene chloride in L1210762

The matrix spikes of the following samples show recoveries and duplicate correlations that are outside validation guidelines, with those results to be qualified as estimated in the indicated parent samples:

<u>Client ID</u>	<u>Compound</u>	<u>% Recoveries</u>	<u>QC Limits, %</u>
SB-1 (1-2)	trichloroethene	165 and 177	70-130
	acetone	149 and 154	54-140
	vinyl acetate	22 and 24	70-130
	n-butylbenzene	58 and 61	70-130
	1,2-dibromo-3-chloropropane	66 and 67	68-130
	hexachlorobutadiene	40 and 41	67-130
	p-isopropyltoluene	65 and 68	70-130
	1,2,3-trichlorobenzene	50 and 54	70-130
	1,2,4-trichlorobenzene	49 and 53	70-130
BCP-MW-01	trans-1,4-dichloro-2-butene	49 and 56	70-130

The matrix spikes of TP-3(15-17) show consistently outlying low recoveries. However, the recoveries of the surrogate standards that are deuterated analogs of target analytes are very good. For example, the recoveries of surrogate standard d8-toluene are 100% and 101%, while those of toluene are 54% and 56%; those for d4-1,4-dichloroethane are 101% and 100%, while those of 1,4-dichloroethane are 65% and 64%. The recoveries of the deuterated should be virtually the same as those of the non-deuterated compounds. The chromatograms do not show a matrix interference. It appears that a spiking anomaly existed, and no qualification is made.

Laboratory Control Samples (LCSs) show analyte recoveries within the laboratory acceptance ranges, with the exception of that for vinyl acetate (64%) in the LCS associated with the aqueous samples. The results for that compound in those associated samples are to be qualified as

Due to poor instrument response inherent with the methodology, the results for 1,4-dioxane in the samples are to be rejected, and are not usable.

Other calibration standards showed acceptable responses, with the following exceptions, results for which are to be qualified as estimated in the indicated samples:

- trans-1,4-dichloro-2-butene and 1,2-dibromo-3-chloropropane (21%D and 24%D) in BCP-MW-1 (12-14), BCP-MW-2 (5-7) and BCP-MW-3 (14-16)
- 2-hexanone, bromoform, and 4-methyl-2-pentanone (21%D) in BCP-MW-4 (8-10), BCP-MW-6 (6-8), BCP-MW-7 (8-10), MW-2(R) (14-16), BH-20(R) (17-20), BH-20(R) (13-17) and SB-7 (15-17)
- bromomethane, acrylonitrile, methyl tert butyl ether, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, bromoform, trans-1,4-dichloro-2-butene, 1,2,3-trichlorobenzene and vinyl acetate (21%D to 37%D) in BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND
- 4-ethyltoluene and 1,2,4,5-tetramethylbenzene (21%D and 22%D) in BCP-MW-5 (4-5')

TCL Semivolatiles and PAHs by EPA 8270C

Results for acidic compounds (phenols) are to be rejected and are not usable in BH-20(R)(13-17), MW-2(R)(2-4), SB-1(1-2), SB-2(1-2), SB-3(0-1), and BLIND DUP (L1210206) because those

samples show recoveries below 10% for one or more of the acid surrogate compounds. Samples with the “SB” prefix were re-extracted with consistent results, indicating a matrix effect.

BCP-MW-3(2-4) also produced very low recoveries for the acid surrogates, but was processed at fourfold dilution. Results for the acid surrogates are to be qualified as estimated in value in that sample.

The following detections are qualified as tentatively identified and estimated in value due to poor mass spectral quality:

- benzo(a)anthracene in BH 36 0-8
- acenaphthene in BH 34 4-8
- phenanthrene in SB-2(1-2) and TP-8(10-12)
- fluoranthene in SB-3(0-1)
- dibenzofuran in TP-2(4-6)
- benzoic acid in BCP-MW-05, BCP-MW-06, and MW-2R

The following detections are edited to non-detection due to very poor mass spectral quality:

- benzo(a)anthracene in BH 25 0-5
- fluoranthene in TP-8(10-12)

The matrix spikes of BCP-MW-01 show acceptable recoveries and duplicate correlations

The matrix spikes of SB-1(1-2) show recoveries below 10% for most of the acid phenolic analytes, consistent with the lack of recovery of the phenolic surrogate compounds in that parent sample. Results of the acid analytes in that parent sample have been rejected, as discussed above. Hexachlorocyclopentadiene produced low recoveries (17% and 14%) in those spikes, and the result for that compound in the parent sample has therefore been qualified as estimated.

The matrix spikes of TP-3(4-8) show several very poor recoveries, but those spikes (and the parent sample) were processed at tenfold dilution, and the accuracy/precision evaluations are not therefore applicable.

Although submitted, matrix spikes of Post Excav 1 were not processed.

Laboratory Control Samples (LCSs) show analyte recoveries within the laboratory acceptance ranges, with the exception of those for hexachlorocyclopentadiene (37% and 31%) in the LCS associated with BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND. Results for that compound are to be qualified as estimated in those samples.

Calibration standards showed acceptable responses, with the following exception, results for which are to be qualified as estimated in the indicated samples:

- hexachlorocyclopentadiene and hexachlorobenzene (22% and 29%D) in TP-1 (15-17)
- bis(2-chloroisopropyl)ether (32%D) in SB-3(0-1) and BLIND DUP (SDG L1210540)
- benzoic acid (21%D) in BCP-MW-7 (8-10), MW-2(R) (2-4) and BH-20(R) (17-20)
- hexachlorocyclopentadiene (23%D) in BH-20(R) (13-17)

- phenol and bis(2-chloroisopropyl)ether (22%D and 35%) in BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND
- 4-nitrophenol and 2,4-dinitrophenol (low RRFs) in SS-1 and BCP-MW-05(4-5)

Some of the samples were analyzed at dilution due to either target or non-target analyte responses. Reporting limits for undetected analytes in those samples are elevated in proportion to the dilution factor.

TCL PCB, TCL Pesticide, and TCL Herbicide Analyses by EPA 8081A 8082, and 8151

Many of the pesticide detections have been qualified as estimated in value, tentative in identification and estimated in value, or edited to non-detection, due to elevated dual column quantitative correlations. The responses exhibiting elevated dual column correlations are often from matrix interferences in the samples.

The laboratory should have processed a continuing calibration standard of the Aroclor mixture 1254 when processing TP-4(3-7). Because they did not, the detected result for that mixture has been qualified as estimated in that sample.

Matrix spikes of Aroclors 1016 and 1260 and herbicides in SB-1 (1-2), TP-3 (4-8), and BCP-MW-01 show acceptable recoveries and duplicate correlations.

The pesticide matrix spikes of BCP-MW-01 show recoveries and duplicate correlations that are within validation guidelines. No soil matrix spike evaluations were performed. Therefore, the effect of the soil matrix on analyte recovery has not been ascertained.

TAL Metals Analyses by EPA 6010B, 6020, 7470, and 7471

The matrix spikes for TAL metals on the following samples show recoveries or correlations for the following elements that are outside the recommended limits, and results for the affected elements are qualified as estimated in the samples reported in the indicated associated SDGs:

<u>Parent Sample</u>	<u>Element</u>	<u>%Recoveries</u>	<u>%RPD</u>	<u>Associated Samples</u>
PostExcav 1	Barium	128 and 136		L1215819
SB-1(1-2)	Antimony	30 and 34		L1210206
	Barium	34 and 12		
	Beryllium	45 and 33		
	Chromium	57 and 35		
	Silver	148 and 129		
TP-3(4-8)	Antimony	53 and 53		L1210540, L1210762, L1211581, and L1211689
	Sodium	152 and 143		
	Zinc	182 and 164		
	Mercury		60	
BH 29 4-8	Selenium	60 and 63		J12953
BCP-MW-01	Antimony	61 and 71		L1211139

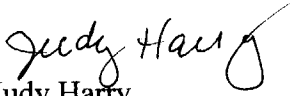
The ICP serial dilution correlations for the following elements are above the recommended limit, and detected results for the affected elements are qualified as estimated in the indicated associated samples (all within the given delivery groups):

<u>Parent Sample</u>	<u>Element</u>	<u>%Difference</u>	<u>Associated Samples</u>
SB-1 (1-2)	Beryllium	12	L1210206
	Chromium	14	
	Iron	13	
	Lead	17	
	Magnesium	11	
	Manganese	48	
BCP-MW-01	Copper	11	
PostExcav 1	Lead	11	L1215819
BH 29 4-8	Barium	18	J12953
	Chromium	28	
TP-3(4-8)	Manganese	11	L1210540, L1210762, L1211581, and L1211689
	Nickel	11	
	Beryllium	14	
	Chromium	107	
	Potassium	52	
	Sodium	88	

Antimony shows an elevated recovery (168%) in a low level calibration standard, and non-compliant low recoveries (79%) in ICP Interference Check Standards, associated with samples reported in SDG L1210540. It also shows a non-compliant low recovery in an ICP Interference Check Standard associated with samples reported in SDG L1210762. Results for that element in those samples have been qualified as estimated due to low matrix spike recoveries (noted above).

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,


Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ** The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

**CLIENT and LABORATORY SAMPLE IDs
and
LABORATORY CASE NARRATIVES**

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210206-01	SB-1 (1-2)	125 MAIN ST	06/06/12 12:00
L1210206-02	SB-2 (1-2)	125 MAIN ST	06/06/12 12:40
L1210206-03	SB-3 (0-1)	125 MAIN ST	06/06/12 13:00
L1210206-04	BLIND DUP	125 MAIN ST	06/06/12 08:00

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210540-01	TP-1 (15-17)	125 MAIN ST.	06/11/12 08:30
L1210540-02	TP-2 (4-6)	125 MAIN ST.	06/11/12 08:45
L1210540-03	TP-3 (15-17)	125 MAIN ST.	06/11/12 09:00
L1210540-04	TP-3 (4-8)	125 MAIN ST.	06/11/12 09:00
L1210540-05	TP-5 (15-17)	125 MAIN ST.	06/11/12 13:00
L1210540-06	TP-6 (3-5)	125 MAIN ST.	06/11/12 14:00
L1210540-07	BLIND DUP	125 MAIN ST.	06/11/12 08:00
L1210540-08	TP-8 (10-12)	125 MAIN ST.	06/11/12 11:30
L1210540-09	TP-4 (3-7)	125 MAIN ST.	06/12/12 09:20

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210762-01	BCP-MW-1 (4-6)	125 MAIN ST.	06/13/12 11:00
L1210762-02	BCP-MW-1 (12-14)	125 MAIN ST.	06/13/12 11:00
L1210762-03	BCP-MW-2 (5-7)	125 MAIN ST.	06/13/12 11:50
L1210762-04	BCP-MW-3 (2-4)	125 MAIN ST.	06/13/12 10:00
L1210762-05	BCP-MW-3 (14-16)	125 MAIN ST.	06/13/12 10:00
L1210762-06	BCP-MW-4 (8-10)	125 MAIN ST.	06/13/12 14:00
L1210762-07	BCP-MW-6 (6-8)	125 MAIN ST.	06/14/12 09:00
L1210762-08	BCP-MW-7 (8-10)	125 MAIN ST.	06/14/12 10:30
L1210762-09	MW-2(R) (2-4)	125 MAIN ST.	06/13/12 15:10
L1210762-10	MW-2(R) (14-16)	125 MAIN ST.	06/13/12 15:10
L1210762-11	BH-20(R) (17-20)	125 MAIN ST.	06/13/12 13:00
L1210762-12	BH-20(R) (13-17)	125 MAIN ST.	06/13/12 13:00
L1210762-13	SB-7 (15-17)	125 MAIN ST.	06/13/12 14:30

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210832-01	BH-20R(E) (17-19)	125 MAIN ST.	06/15/12 11:00

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211139-01	BCP-MW-01	125 MAIN ST.	06/20/12 09:10
L1211139-02	BCP-MW-02	125 MAIN ST.	06/20/12 10:05
L1211139-03	BCP-MW-03	125 MAIN ST.	06/20/12 10:41
L1211139-04	BCP-MW-04	125 MAIN ST.	06/20/12 14:40
L1211139-05	BCP-MW-05	125 MAIN ST.	06/20/12 13:40
L1211139-06	BCP-MW-06	125 MAIN ST.	06/20/12 12:57
L1211139-07	BCP-MW-07	125 MAIN ST.	06/20/12 11:20
L1211139-08	MW-1	125 MAIN ST.	06/20/12 14:12
L1211139-09	MW-2R	125 MAIN ST.	06/20/12 15:10
L1211139-10	BLIND	125 MAIN ST.	06/20/12 08:00

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211581-01	SS-1	125 MAIN ST.	06/27/12 10:30

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211689-01	BCP-MW-5 (4-5')	125 MAIN ST.	06/29/12 10:00

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1215819-01	POST EXC 1	125 MAIN ST	09/05/12 08:45
L1215819-02	POST EXC 2	125 MAIN ST	09/05/12 09:15
L1215819-03	BLIND DUP	125 MAIN ST	09/05/12 12:00
L1215819-04	POST EXC 3	125 MAIN ST	09/05/12 10:00
L1215819-05	POST EXC 4	125 MAIN ST	09/05/12 10:15
L1215819-06	POST EXC 5	125 MAIN ST	09/05/12 10:40
L1215819-07	POST EXC 6	125 MAIN ST	09/05/12 11:04
L1215819-08	POST EXC 7	125 MAIN ST	09/05/12 11:22
L1215819-09	POST EXC 8	125 MAIN ST	09/05/12 11:50

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The surrogate recoveries for the following samples are below the acceptance criteria for Dibromofluoromethane, due to a known matrix effect caused by the high pH of the sample (>10).

L1210206-01: 60%

L1210206-02: 33%

L1210206-03: 45%

L1210206-04: 39%

The WG541268-4/-5 MS/MSD recoveries, performed on L1210206-01, are below the acceptance criteria for 1,1,2,2-Tetrachloroethane (0%/0%) due to the concentration of this compound falling below the reported detection limit.

The WG541268-4/-5 MS/MSD recoveries, performed on L1210206-01, were outside the acceptance criteria for Trichloroethene (165%/177%), 1,3-Dichlorobenzene (MS at 69%), 1,4-Dichlorobenzene (MS at 69%), Acetone (149%/154%), Vinyl acetate (22%/24%), n-Butylbenzene (58%/61%), sec-Butylbenzene (60%/64%), 1,2-Dibromo-3-chloropropane (66%/67%), Hexachlorobutadiene (40%/41%), p-Isopropyltoluene (65%/68%), 1,2,3-Trichlorobenzene (50%/54%), 1,2,4-Trichlorobenzene (49%/53%), and 1,2,4,5-Tetramethylbenzene (MS at 69%).

The surrogate recoveries for the WG541268-4/-5 MS/MSD, performed on L1210206-01, are below the acceptance criteria for Dibromofluoromethane (66%/65%), due to a known matrix effect caused by the high pH of the sample (>10).

Semivolatile Organics

The surrogate recovery for L1210206-02 was outside the acceptance criteria for 2-Fluorophenol (1%); however, re-extraction achieved similar results for 2-Fluorophenol (4%). The results of both extractions are reported.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

The WG541038-4/-5 MS/MSD recoveries, performed on L1210206-01, are outside the acceptance criteria for Hexachlorocyclopentadiene (17%/14%), 2,4,6-Trichlorophenol (MS at 2%), 2-Chlorophenol (MS at 22%), 2,4-Dichlorophenol (22%/24%), 2-Nitrophenol (11%/14%) and 2,4,5-Trichlorophenol (11%/13%); however, the associated LCS/LCSD recoveries are within criteria. No further action was required.

The WG541038-4/-5 MS/MSD recoveries, performed on L1210206-01, are below the acceptance criteria for 2,4,6-Trichlorophenol (MSD at 0%), 4-Nitrophenol (0%/0%), 2,4-Dinitrophenol (0%/0%), 4,6-Dinitro-o-cresol (0%/0%) and Pentachlorophenol (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

Pesticides

L1210206-01 through -04 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The dual column RPD for L1210206-01 is above the acceptance criteria for Beta-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210206-02 is above the acceptance criteria for trans-Chlordane; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210206-03 is above the acceptance criteria for Beta-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results (below reporting limit) is reported and qualified with a "P".

The WG541047-4/-5 MS/MSD, associated with L1210206-01 through -04, was not analyzed because the dilution required by the matrix of the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

Herbicides

The WG541030-4/-5 MS/MSD RPDs, performed on L1210206-01, are above the acceptance criteria for 2,4-D (44%), 2,4,5-T (40%), and 2,4,5-TP (Silvex) (34%).

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

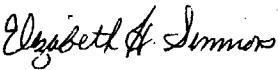
Metals

The WG541260-3/-4 MS/MSD recoveries for Aluminum (0%/0%), Calcium (0%/0%), Iron (0%/0%), Magnesium (0%/0%), Manganese (0%/0%), and Potassium (0%/0%), performed on L1210206-01, do not apply because the sample concentration is greater than four times the spike amount added.

The WG541260-3/-4 MS/MSD recoveries, performed on L1210206-01, are outside the acceptance criteria for Antimony (30%/34%), Barium (12%/34%), Beryllium (33%/45%), Chromium (35%/57%) and Silver (129%/148%). A post digestion spike was performed with acceptable recoveries for Antimony (86%), Barium (84%), Beryllium (79%), Chromium (79%), and Silver (80%).

The WG541260-3 MS recovery, performed on L1210206-01, is below the acceptance criteria for Sodium (47%). A post digestion spike was performed with an unacceptable recovery of 135%. This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/13/12

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG542674-4/-5 MS/MSD recoveries, performed on L1210540-03, were below the acceptance criteria for Methylene chloride (67%/67%), Chloroform (68%/69%), Carbon tetrachloride (64%/63%), 1,2-Dichloropropane (66%/65%), Dibromochloromethane (55%/52%), 1,1,2-Trichloroethane (64%/61%), Tetrachloroethene (53%/49%), Chlorobenzene (47%/42%), 1,2-Dichloroethane (65%/64%), Bromodichloromethane (63%/61%), trans-1,3-Dichloropropene (46%/40%), cis-1,3-Dichloropropene (52%/47%), 1,1-Dichloropropene (55%/53%), Bromoform (50%/46%), 1,1,2,2-Tetrachloroethane (55%/52%), Benzene (63%/63%), Toluene (56%/54%), Ethylbenzene (53%/49%), Vinyl chloride (MS at 66%), 1,1-Dichloroethene (63%/62%), trans-1,2-Dichloroethene (55%/55%), Trichloroethene (58%/56%), 1,2-Dichlorobenzene (37%/28%), 1,3-Dichlorobenzene (35%/27%), 1,4-Dichlorobenzene (33%/24%), p/m-Xylene (51%/47%), o-Xylene (54%/50%), cis-1,2-Dichloroethene (58%/56%), Dibromomethane (57%/54%), Styrene (43%/36%), Carbon disulfide (52%/51%), Vinyl acetate (20%/18%), 4-Methyl-2-pentanone (66%/66%), 1,2,3-Trichloropropane (59%/56%), 2-Hexanone (60%/59%), Bromochloromethane (63%/62%), 2,2-Dichloropropane (MSD at 69%), 1,2-Dibromoethane (53%/48%), 1,3-Dichloropropane (60%/56%), 1,1,1,2-Tetrachloroethane (61%/58%), Bromobenzene (42%/35%), n-Butylbenzene (35%/29%), sec-Butylbenzene (46%/41%), tert-Butylbenzene (54%/50%), o-Chlorotoluene (47%/41%), p-Chlorotoluene (40%/32%), 1,2-Dibromo-3-chloropropane (61%/46%), Hexachlorobutadiene (34%/29%), Isopropylbenzene (54%/50%), p-Isopropyltoluene (45%/40%), Acrylonitrile (60%/60%), n-Propylbenzene (46%/41%), 1,3,5-Trimethylbenzene (51%/46%), 1,2,3-Trichlorobenzene (23%/16%), 1,2,4-Trichlorobenzene (22%/15%), 1,2,4-Trimethylbenzene (47%/42%), 1,4-Diethylbenzene (40%/33%), 4-Ethyltoluene (46%/41%), 1,2,4,5-Tetramethylbenzene (40%/34%), and trans-1,4-Dichloro-2-butene (41%/34%); however, the associated LCS/LCSD recoveries were within criteria. The WG542674-4/-5 MS/MSD RPDs, performed on L1210540-03, are above the acceptance criteria for 1,2,3-Trichlorobenzene (40%) and 1,2,4-Trichlorobenzene (40%).

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

Semivolatile Organics

L1210540-01, -02, -04, -05, -07, and -09 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The WG542357-4/-5 MS/MSD recoveries, performed on L1210540-04, are outside the acceptance criteria for Acenaphthene (MS at 150%), 3,3'-Dichlorobenzidine (MSD at 32%), Fluoranthene (1100%/290%), Naphthalene (190%/170%), Benzo(a)anthracene (590%/180%), Benzo(a)pyrene (MS at 440%), Benzo(b)fluoranthene (350%/170%), Benzo(k)fluoranthene (MS at 390%), Chrysene (590%/180%), Acenaphthylene (230%/160%), Anthracene (320%/190%), Benzo(ghi)perylene (MS at 190%), Fluorene (MS at 170%), Phenanthrene (770%/290%), Indeno(1,2,3-cd)pyrene (MS at 210%), Pyrene (880%/180%), Dibenzofuran (250%/250%), 2-Methylnaphthalene (170%/170%), and Carbazole (240%/220%); however, the associated LCS/LCSD recoveries are within criteria. No further action was required.

The WG542357-4/-5 MS/MSD recoveries, performed on L1210540-04, are below the acceptance criteria for Hexachlorocyclopentadiene (0%/0%), 4-Chloroaniline (MSD at 0%), 4-Nitroaniline (0%/0%), 2-Nitrophenol (0%/0%), 4-Nitrophenol (0%/0%), 2,4-Dinitrophenol (0%/0%), and 4,6-Dinitro-o-cresol (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

PCBs

L1210540-05 has elevated detection limits due to the dilution required by the presence of non-target analytes.

Pesticides

L1210540-01, -02, -04, -05, -07, and -09 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The surrogate recoveries for L1210540-02 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The dual column RPDs for L1210540-04 are above the acceptance criteria for 4,4'-DDT and Endosulfan II; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

The dual column RPDs for L1210540-06 are above the acceptance criteria for Lindane and Alpha-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210540-07 is above the acceptance criteria for 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The WG542170-4/-5 MS/MSD, associated performed on L1210540-04, were not analyzed because the dilution required by matrix of the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

Herbicides

L1210540-08 has elevated detection limits due to the dilution required by the presence of non-target analytes.

Metals

L1210540-01, -02, and -04 through -09 have elevated detection limits for all analytes, with the exception of Mercury, due to the dilutions required by the sample matrix.

The WG542220-4/-5 MS/MSD recoveries for Mercury (470%/184%), performed on L1210540-04, do not apply because the sample concentration is greater than four times the spike amount added.

The WG542918-3/-4 MS/MSD recoveries for Aluminum (759%/973%), Calcium (0%/0%), Copper (MS at 162%), Iron (20200%/13300%), Lead (278%/361%) and Magnesium (0%/0%), performed on L1210540-04, do not apply because the sample concentration is greater than four times the spike amount added.

The WG542918-3/-4 MS/MSD recoveries, performed on L1210540-04, are outside the acceptance criteria for Antimony (53%/53%), Arsenic (MS at 126%), Chromium (MS at 128%) and Sodium (152%/143%). A post digestion spike was performed with acceptable recoveries for Antimony (90%), Arsenic (87%), Chromium (83%) and Sodium (105%).

The WG542918-3/-4 MS/MSD recoveries, performed on L1210540-04, are above the acceptance criteria for Manganese (MS at 162%) and Zinc (182%/164%). A post digestion spike was performed with unacceptable recoveries for Manganese (50%) and Zinc (40%). This has been attributed to sample matrix.

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

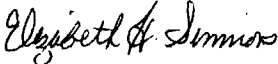
Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

The WG542918-3/-4 MS/MSD RPD, performed on L1210540-04, is above the acceptance criteria for Calcium (38%).

The WG542220-3 Laboratory Duplicate RPD, performed on L1210540-04, is outside the acceptance criteria for Mercury (60%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the Laboratory Duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/20/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEX data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1210762-01, -03, -04, -06, -07, and -13 have elevated detection limits due to the dilutions required by the matrix interferences encountered during the concentration of the samples and the analytical dilutions required by the sample matrix.

Pesticides

L1210762-04, -06, -07, and -13 have elevated detection limits due to the dilutions required by the sample matrix.

The surrogate recoveries for L1210762-07 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

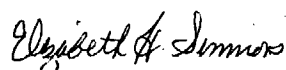
The dual column RPD for L1210762-09 is above the acceptance criteria for Alpha-BHC, trans-Chlordane; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Metals

L1210762-01, -03, -04, -06, -07, -08, -09, -11, -12, and -13 have elevated detection limits for all analytes, with the exception of Mercury, due to the dilutions required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/22/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

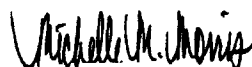
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 06/25/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

All samples were received without the appropriate containers for Dissolved Metals analysis. Aliquots were taken from unpreserved containers and preserved appropriately.

The samples were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were received beyond the recommended 24 hour holding time required for filtration. The samples were filtered and preserved appropriately.

Volatile Organics

The WG545422-4/-5 MS/MSD recoveries, performed on L1211139-01, were below the acceptance criteria for Vinyl acetate (MSD at 62%) and trans-1,4-Dichloro-2-butene (56%/49%).

Semivolatile Organics-SIM

L1211139-08 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

The dual column RPD for L1211139-02 is above the acceptance criteria for Heptachlor epoxide; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-04 is above the acceptance criteria for Heptachlor epoxide and Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPDs for L1211139-05 and -06 are above the acceptance criteria for Heptachlor epoxide, Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results are reported and qualified with a "P".

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

The dual column RPD for L1211139-07 is above the acceptance criteria for Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-09 is above the acceptance criteria for Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Metals

L1211139-03 through -10 have elevated detection limits for all analytes, with the exception of Mercury due to the dilutions required by interferences caused by the high concentration of salts in the samples.

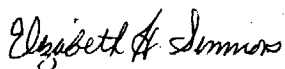
The WG544712-3 MS recovery, performed on L1211139-01, is above the acceptance criteria for Mercury (135%). A post digestion spike was performed with an acceptable recovery of 116%.

The WG544897-3/-4 MS/MSD recoveries, performed on L1211139-01, are below the acceptance criteria for Antimony (61%/71%) and Iron (70%/37%). A post digestion spike was performed with acceptable recoveries for Antimony (105%) and Iron (108%).

The WG544897-3/-4 MS/MSD recoveries for Sodium (210%/190%) performed on L1211139-01, do not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/29/12

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEX data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Organochlorine Pesticides

L1211581-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1211581-01 has elevated detection limits for all analytes, with the exception of Mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 07/06/12

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

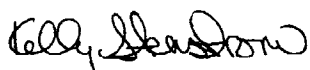
L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

The WG547023-1 Method Blank, associated with L1211689-01, has a concentration above the reporting limit for Manganese. Since the associated sample concentration is greater than 10x the blank concentration, no qualification of the results was performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/09/12

Case Narrative

Client: Turnkey Environmental Restoration, LLC
Project/Site: Turnkey - Former Donovan Bldg

TestAmerica Job ID: 480-12953-1

Job ID: 480-12953-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-12953-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The following samples were diluted due to the nature of the TCLP sample matrix: WASTE CHARACTERIZATION#1 (480-12953-9), WASTE CHARACTERIZATION#2 (480-12953-10) and (LB 480-41414/1-A). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The following samples were diluted due to viscosity. BH 25 0-5 (480-12953-1), BH 31 0-4 (480-12953-4), BH 32 4-8 (480-12953-5), BH 33 6-10 (480-12953-6) and BH 34 4-8 (480-12953-7). Elevated reporting limits (RL) are provided.

Method 8270C: The following sample contained one base surrogate outside acceptance limits: WASTE CHARACTERIZATION#2 (480-12953-10). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The relative percent difference (RPD) of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 480-41646 exceeded control limits for 2,4-Dinitrotoluene; however, the individual recoveries were compliant.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 6010B: Sample BH 29 4-8 (480-12953-3) had a negative instrument result that was lower than the absolute value of the reporting limit for the analyte Silver. Matrix interference was suspected. The sample was re-analyzed at a 5 times dilution and the result for Silver was still non-detect; therefore, the original result has been reported.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries in preparation batch 41471 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The analyte Barium was detected in the TCLP leachate blank at a concentration above the reporting limit in preparation batch 41514. Samples associated with the blank were evaluated and determined to be at least five times less than the TCLP Regulatory Limit. The sample data was accepted and no corrective action was performed.

Method 6010B: The leachate blank for preparation batch 41514 contained Chromium above the reporting limit (RL). None of the samples associated with this leachate blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 7471A: The following sample was diluted due to the abundance of target analyte Mercury: BH 31 0-4 (480-12953-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Appendix D

EnSol, Inc. *Environmental Solutions*

professional engineering – business consulting

Interim Remedial Measure (IRM) Post-Excavation Sampling Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1215819
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	DONAVAN BLDG
Project Number:	0105-012-001
Report Date:	09/12/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1215819-01	POST EXC 1	125 MAIN ST	09/05/12 08:45
L1215819-02	POST EXC 2	125 MAIN ST	09/05/12 09:15
L1215819-03	BLIND DUP	125 MAIN ST	09/05/12 12:00
L1215819-04	POST EXC 3	125 MAIN ST	09/05/12 10:00
L1215819-05	POST EXC 4	125 MAIN ST	09/05/12 10:15
L1215819-06	POST EXC 5	125 MAIN ST	09/05/12 10:40
L1215819-07	POST EXC 6	125 MAIN ST	09/05/12 11:04
L1215819-08	POST EXC 7	125 MAIN ST	09/05/12 11:22
L1215819-09	POST EXC 8	125 MAIN ST	09/05/12 11:50

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

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Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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Please contact Client Services at 800-624-9220 with any questions.

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1215819-01, -03, -05, and -09 have elevated detection limits due to the dilution required by the sample matrices.

L1215819-02, -04, -06, and -07 have elevated detection limits due to the dilutions required by the matrix interferences encountered during the concentration of the samples and the analytical dilutions required by the sample matrices.

The surrogate recoveries for L1215819-02 and -06 are below the acceptance criteria for Nitrobenzene-d5, 2-Fluorobiphenyl, and 4-Terphenyl-d14 (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

Metals

The WG559754-3/-4 MS/MSD recoveries, performed on L1215819-01, are outside the acceptance criteria for Barium (128%/136%) and Lead (MSD at 64%). A post digestion spike was performed with acceptable recoveries for Barium (113%) and Lead (79%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cynthia McQueen

Title: Technical Director/Representative

Date: 09/12/12

ORGANICS

SEMIVOLATILES

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-01 **D**
Client ID: POST EXC 1
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 15:54
Analyst: RC
Percent Solids: 91%

Date Collected: 09/05/12 08:45
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	710	190	5
2-Chloronaphthalene	ND		ug/kg	890	270	5
Fluoranthene	4600		ug/kg	530	120	5
Naphthalene	ND		ug/kg	890	280	5
Benzo(a)anthracene	1700		ug/kg	530	180	5
Benzo(a)pyrene	1700		ug/kg	710	210	5
Benzo(b)fluoranthene	2500		ug/kg	530	160	5
Benzo(k)fluoranthene	930		ug/kg	530	140	5
Chrysene	1900		ug/kg	530	140	5
Acenaphthylene	ND		ug/kg	710	230	5
Anthracene	450	J	ug/kg	530	120	5
Benzo(ghi)perylene	1200		ug/kg	710	220	5
Fluorene	ND		ug/kg	890	160	5
Phenanthrene	2300		ug/kg	530	150	5
Dibenzo(a,h)anthracene	260	J	ug/kg	530	160	5
Indeno(1,2,3-cd)Pyrene	1300		ug/kg	710	220	5
Pyrene	3600		ug/kg	530	150	5
2-Methylnaphthalene	ND		ug/kg	1100	350	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	86		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-02 **D**
Client ID: POST EXC 2
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 16:19
Analyst: RC
Percent Solids: 85%

Date Collected: 09/05/12 09:15
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3100	830	20
2-Chloronaphthalene	ND		ug/kg	3800	1200	20
Fluoranthene	31000		ug/kg	2300	500	20
Naphthalene	1500	J	ug/kg	3800	1200	20
Benzo(a)anthracene	14000		ug/kg	2300	760	20
Benzo(a)pyrene	15000		ug/kg	3100	920	20
Benzo(b)fluoranthene	27000		ug/kg	2300	680	20
Benzo(k)fluoranthene	9100		ug/kg	2300	590	20
Chrysene	19000		ug/kg	2300	600	20
Acenaphthylene	11000		ug/kg	3100	1000	20
Anthracene	6300		ug/kg	2300	530	20
Benzo(ghi)perylene	11000		ug/kg	3100	970	20
Fluorene	ND		ug/kg	3800	710	20
Phenanthrene	7100		ug/kg	2300	640	20
Dibenzo(a,h)anthracene	2600		ug/kg	2300	720	20
Indeno(1,2,3-cd)Pyrene	12000		ug/kg	3100	940	20
Pyrene	27000		ug/kg	2300	640	20
2-Methylnaphthalene	ND		ug/kg	4600	1500	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-03 **D**
Client ID: BLIND DUP
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 16:44
Analyst: RC
Percent Solids: 86%

Date Collected: 09/05/12 12:00
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	760	210	5
2-Chloronaphthalene	ND		ug/kg	950	290	5
Fluoranthene	3000		ug/kg	570	120	5
Naphthalene	ND		ug/kg	950	300	5
Benzo(a)anthracene	1200		ug/kg	570	190	5
Benzo(a)pyrene	1200		ug/kg	760	230	5
Benzo(b)fluoranthene	1800		ug/kg	570	170	5
Benzo(k)fluoranthene	670		ug/kg	570	150	5
Chrysene	1300		ug/kg	570	150	5
Acenaphthylene	ND		ug/kg	760	250	5
Anthracene	330	J	ug/kg	570	130	5
Benzo(ghi)perylene	840		ug/kg	760	240	5
Fluorene	ND		ug/kg	950	180	5
Phenanthrene	1400		ug/kg	570	160	5
Dibenzo(a,h)anthracene	200	J	ug/kg	570	180	5
Indeno(1,2,3-cd)Pyrene	920		ug/kg	760	230	5
Pyrene	2400		ug/kg	570	160	5
2-Methylnaphthalene	ND		ug/kg	1100	380	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	78		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-04 **D**
Client ID: POST EXC 3
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 17:09
Analyst: RC
Percent Solids: 88%

Date Collected: 09/05/12 10:00
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1900		ug/kg	1500	400	10
2-Chloronaphthalene	ND		ug/kg	1900	560	10
Fluoranthene	14000		ug/kg	1100	240	10
Naphthalene	1600	J	ug/kg	1900	590	10
Benzo(a)anthracene	6200		ug/kg	1100	370	10
Benzo(a)pyrene	5300		ug/kg	1500	440	10
Benzo(b)fluoranthene	6800		ug/kg	1100	330	10
Benzo(k)fluoranthene	2700		ug/kg	1100	290	10
Chrysene	5800		ug/kg	1100	290	10
Acenaphthylene	ND		ug/kg	1500	480	10
Anthracene	4400		ug/kg	1100	260	10
Benzo(ghi)perylene	2600		ug/kg	1500	470	10
Fluorene	2300		ug/kg	1900	340	10
Phenanthrene	15000		ug/kg	1100	310	10
Dibenzo(a,h)anthracene	850	J	ug/kg	1100	340	10
Indeno(1,2,3-cd)Pyrene	3200		ug/kg	1500	460	10
Pyrene	12000		ug/kg	1100	310	10
2-Methylnaphthalene	940	J	ug/kg	2200	730	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	83		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-05 D
 Client ID: POST EXC 4
 Sample Location: 125 MAIN ST
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/12 17:34
 Analyst: RC
 Percent Solids: 85%

Date Collected: 09/05/12 10:15
 Date Received: 09/05/12
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	290	J	ug/kg	770	210	5
2-Chloronaphthalene	ND		ug/kg	960	290	5
Fluoranthene	4500		ug/kg	580	120	5
Naphthalene	ND		ug/kg	960	300	5
Benzo(a)anthracene	2000		ug/kg	580	190	5
Benzo(a)pyrene	1800		ug/kg	770	230	5
Benzo(b)fluoranthene	2500		ug/kg	580	170	5
Benzo(k)fluoranthene	940		ug/kg	580	150	5
Chrysene	2100		ug/kg	580	150	5
Acenaphthylene	320	J	ug/kg	770	250	5
Anthracene	790		ug/kg	580	130	5
Benzo(ghi)perylene	1100		ug/kg	770	240	5
Fluorene	340	J	ug/kg	960	180	5
Phenanthrene	3100		ug/kg	580	160	5
Dibenzo(a,h)anthracene	280	J	ug/kg	580	180	5
Indeno(1,2,3-cd)Pyrene	1200		ug/kg	770	230	5
Pyrene	3800		ug/kg	580	160	5
2-Methylnaphthalene	ND		ug/kg	1200	380	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	58		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-06 D
 Client ID: POST EXC 5
 Sample Location: 125 MAIN ST
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 09/07/12 17:59
 Analyst: RC
 Percent Solids: 90%

Date Collected: 09/05/12 10:40
 Date Received: 09/05/12
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2900	780	20
2-Chloronaphthalene	ND		ug/kg	3600	1100	20
Fluoranthene	15000		ug/kg	2200	470	20
Naphthalene	ND		ug/kg	3600	1100	20
Benzo(a)anthracene	6000		ug/kg	2200	710	20
Benzo(a)pyrene	4700		ug/kg	2900	860	20
Benzo(b)fluoranthene	6200		ug/kg	2200	640	20
Benzo(k)fluoranthene	2800		ug/kg	2200	550	20
Chrysene	5800		ug/kg	2200	560	20
Acenaphthylene	1200	J	ug/kg	2900	930	20
Anthracene	3800		ug/kg	2200	500	20
Benzo(ghi)perylene	2300	J	ug/kg	2900	910	20
Fluorene	1500	J	ug/kg	3600	660	20
Phenanthrene	14000		ug/kg	2200	600	20
Dibenzo(a,h)anthracene	ND		ug/kg	2200	670	20
Indeno(1,2,3-cd)Pyrene	2700	J	ug/kg	2900	880	20
Pyrene	12000		ug/kg	2200	590	20
2-Methylnaphthalene	ND		ug/kg	4300	1400	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-07 **D**
Client ID: POST EXC 6
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 18:24
Analyst: RC
Percent Solids: 90%

Date Collected: 09/05/12 11:04
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	390	10
2-Chloronaphthalene	ND		ug/kg	1800	550	10
Fluoranthene	5800		ug/kg	1100	240	10
Naphthalene	ND		ug/kg	1800	580	10
Benzo(a)anthracene	2100		ug/kg	1100	360	10
Benzo(a)pyrene	2000		ug/kg	1400	430	10
Benzo(b)fluoranthene	3000		ug/kg	1100	320	10
Benzo(k)fluoranthene	1000	J	ug/kg	1100	280	10
Chrysene	2200		ug/kg	1100	280	10
Acenaphthylene	ND		ug/kg	1400	470	10
Anthracene	820	J	ug/kg	1100	250	10
Benzo(ghi)perylene	1300	J	ug/kg	1400	460	10
Fluorene	370	J	ug/kg	1800	340	10
Phenanthrene	3600		ug/kg	1100	300	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	340	10
Indeno(1,2,3-cd)Pyrene	1500		ug/kg	1400	440	10
Pyrene	4500		ug/kg	1100	300	10
2-Methylnaphthalene	ND		ug/kg	2200	720	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	54		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-08
Client ID: POST EXC 7
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 18:49
Analyst: RC
Percent Solids: 93%

Date Collected: 09/05/12 11:22
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	38.	1
2-Chloronaphthalene	ND		ug/kg	170	52.	1
Fluoranthene	85	J	ug/kg	100	23.	1
Naphthalene	ND		ug/kg	170	55.	1
Benzo(a)anthracene	38	J	ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	64	J	ug/kg	100	31.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	44	J	ug/kg	100	27.	1
Acenaphthylene	ND		ug/kg	140	45.	1
Anthracene	ND		ug/kg	100	24.	1
Benzo(ghi)perylene	ND		ug/kg	140	44.	1
Fluorene	ND		ug/kg	170	32.	1
Phenanthrene	ND		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	43.	1
Pyrene	71	J	ug/kg	100	29.	1
2-Methylnaphthalene	ND		ug/kg	210	69.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	94		18-120

Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**SAMPLE RESULTS**

Lab ID: L1215819-09 **D**
Client ID: POST EXC 8
Sample Location: 125 MAIN ST
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/07/12 19:14
Analyst: RC
Percent Solids: 84%

Date Collected: 09/05/12 11:50
Date Received: 09/05/12
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	780	210	5
2-Chloronaphthalene	ND		ug/kg	970	290	5
Fluoranthene	2300		ug/kg	580	130	5
Naphthalene	ND		ug/kg	970	310	5
Benzo(a)anthracene	900		ug/kg	580	190	5
Benzo(a)pyrene	910		ug/kg	780	230	5
Benzo(b)fluoranthene	1300		ug/kg	580	170	5
Benzo(k)fluoranthene	470	J	ug/kg	580	150	5
Chrysene	1000		ug/kg	580	150	5
Acenaphthylene	ND		ug/kg	780	250	5
Anthracene	260	J	ug/kg	580	130	5
Benzo(ghi)perylene	610	J	ug/kg	780	240	5
Fluorene	ND		ug/kg	970	180	5
Phenanthrene	1100		ug/kg	580	160	5
Dibenzo(a,h)anthracene	ND		ug/kg	580	180	5
Indeno(1,2,3-cd)Pyrene	680	J	ug/kg	780	240	5
Pyrene	1800		ug/kg	580	160	5
2-Methylnaphthalene	ND		ug/kg	1200	380	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	70		18-120

Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/07/12 10:53
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG559153-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	160	48.
Hexachlorobenzene	ND		ug/kg	99	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	160	50.
1,2-Dichlorobenzene	ND		ug/kg	160	48.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	47.
3,3'-Dichlorobenzidine	ND		ug/kg	160	60.
2,4-Dinitrotoluene	ND		ug/kg	160	50.
2,6-Dinitrotoluene	ND		ug/kg	160	54.
Fluoranthene	ND		ug/kg	99	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	29.
4-Bromophenyl phenyl ether	ND		ug/kg	160	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	160	44.
Hexachlorocyclopentadiene	ND		ug/kg	470	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	39.
Naphthalene	ND		ug/kg	160	52.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	41.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	34.
Butyl benzyl phthalate	ND		ug/kg	160	46.
Di-n-butylphthalate	ND		ug/kg	160	28.
Di-n-octylphthalate	ND		ug/kg	160	45.
Diethyl phthalate	ND		ug/kg	160	29.
Dimethyl phthalate	ND		ug/kg	160	27.
Benzo(a)anthracene	ND		ug/kg	99	33.

Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/07/12 10:53
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG559153-1					
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	99	29.
Benzo(k)fluoranthene	ND		ug/kg	99	25.
Chrysene	ND		ug/kg	99	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	99	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	99	28.
Dibenzo(a,h)anthracene	ND		ug/kg	99	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	99	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	160	56.
2-Nitroaniline	ND		ug/kg	160	30.
3-Nitroaniline	ND		ug/kg	160	18.
4-Nitroaniline	ND		ug/kg	160	100
Dibenzofuran	ND		ug/kg	160	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	53.
Acetophenone	ND		ug/kg	160	53.
2,4,6-Trichlorophenol	ND		ug/kg	99	30.
P-Chloro-M-Cresol	ND		ug/kg	160	34.
2-Chlorophenol	ND		ug/kg	160	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	160	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	70.
2,4-Dinitrophenol	ND		ug/kg	790	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.

Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 09/07/12 10:53
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 09/06/12 16:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG559153-1					
Phenol	ND		ug/kg	160	52.
2-Methylphenol	ND		ug/kg	160	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	71.
2,4,5-Trichlorophenol	ND		ug/kg	160	38.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	160	38.
Carbazole	ND		ug/kg	160	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	98		0-136
4-Terphenyl-d14	103		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG559153-2 WG559153-3								
Acenaphthene	92		90		31-137	2		50
1,2,4-Trichlorobenzene	83		81		38-107	2		50
Hexachlorobenzene	105		105		40-140	0		50
Bis(2-chloroethyl)ether	79		75		40-140	5		50
2-Chloronaphthalene	95		91		40-140	4		50
1,2-Dichlorobenzene	80		76		40-140	5		50
1,3-Dichlorobenzene	79		75		40-140	5		50
1,4-Dichlorobenzene	79		74		28-104	7		50
3,3'-Dichlorobenzidine	73		77		40-140	5		50
2,4-Dinitrotoluene	118	Q	118	Q	28-89	0		50
2,6-Dinitrotoluene	115		114		40-140	1		50
Fluoranthene	105		104		40-140	1		50
4-Chlorophenyl phenyl ether	99		99		40-140	0		50
4-Bromophenyl phenyl ether	101		106		40-140	5		50
Bis(2-chloroisopropyl)ether	78		74		40-140	5		50
Bis(2-chloroethoxy)methane	91		85		40-117	7		50
Hexachlorobutadiene	79		79		40-140	0		50
Hexachlorocyclopentadiene	75		74		40-140	1		50
Hexachloroethane	78		74		40-140	5		50
Isophorone	92		86		40-140	7		50
Naphthalene	83		80		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG559153-2 WG559153-3								
Nitrobenzene	85		81		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	106		106			0		50
n-Nitrosodi-n-propylamine	92		86		32-121	7		50
Bis(2-Ethylhexyl)phthalate	106		106		40-140	0		50
Butyl benzyl phthalate	117		116		40-140	1		50
Di-n-butylphthalate	106		105		40-140	1		50
Di-n-octylphthalate	115		114		40-140	1		50
Diethyl phthalate	105		105		40-140	0		50
Dimethyl phthalate	101		100		40-140	1		50
Benzo(a)anthracene	96		98		40-140	2		50
Benzo(a)pyrene	100		102		40-140	2		50
Benzo(b)fluoranthene	100		104		40-140	4		50
Benzo(k)fluoranthene	98		100		40-140	2		50
Chrysene	94		96		40-140	2		50
Acenaphthylene	101		100		40-140	1		50
Anthracene	97		100		40-140	3		50
Benzo(ghi)perylene	99		97		40-140	2		50
Fluorene	98		98		40-140	0		50
Phenanthrene	94		96		40-140	2		50
Dibenzo(a,h)anthracene	104		104		40-140	0		50
Indeno(1,2,3-cd)Pyrene	105		104		40-140	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG559153-2 WG559153-3								
Pyrene	104		106		35-142	2		50
Biphenyl	88		85			3		50
4-Chloroaniline	80		63		40-140	24		50
2-Nitroaniline	115		116		47-134	1		50
3-Nitroaniline	72		76		26-129	5		50
4-Nitroaniline	114		116		41-125	2		50
Dibenzofuran	95		94		40-140	1		50
2-Methylnaphthalene	86		85		40-140	1		50
1,2,4,5-Tetrachlorobenzene	84		83		40-117	1		50
Acetophenone	90		86		14-144	5		50
2,4,6-Trichlorophenol	116		117		30-130	1		50
P-Chloro-M-Cresol	112	Q	109	Q	26-103	3		50
2-Chlorophenol	94		87		25-102	8		50
2,4-Dichlorophenol	106		104		30-130	2		50
2,4-Dimethylphenol	103		100		30-130	3		50
2-Nitrophenol	101		97		30-130	4		50
4-Nitrophenol	124	Q	120	Q	11-114	3		50
2,4-Dinitrophenol	100		95		4-130	5		50
4,6-Dinitro-o-cresol	124		123		10-130	1		50
Pentachlorophenol	104		107		17-109	3		50
Phenol	95	Q	88		26-90	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG559153-2 WG559153-3								
2-Methylphenol	95		90		30-130.	5		50
3-Methylphenol/4-Methylphenol	103		96		30-130	7		50
2,4,5-Trichlorophenol	114		115		30-130	1		50
Benzoic Acid	48		47			2		50
Benzyl Alcohol	101		94		40-140	7		50
Carbazole	102		101		54-128	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	93		87		25-120
Phenol-d6	102		97		10-120
Nitrobenzene-d5	88		85		23-120
2-Fluorobiphenyl	93		92		30-120
2,4,6-Tribromophenol	112		119		0-136
4-Terphenyl-d14	106		110		18-120

METALS

Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-01

Date Collected: 09/05/12 08:45

Client ID: POST EXC 1

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.4		mg/kg	0.42	0.13	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Barium, Total	85		mg/kg	0.42	0.13	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Cadmium, Total	0.49		mg/kg	0.42	0.03	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Lead, Total	73		mg/kg	2.1	0.13	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Mercury, Total	0.27		mg/kg	0.09	0.02	1	09/08/12 21:00	09/11/12 10:06	EPA 7471B	1,7471B	KL
Selenium, Total	1.0		mg/kg	0.84	0.13	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG
Silver, Total	0.10	J	mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 00:29	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-02

Date Collected: 09/05/12 09:15

Client ID: POST EXC 2

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	2.8		mg/kg	0.45	0.13	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Barium, Total	290		mg/kg	0.45	0.13	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Cadmium, Total	0.30	J	mg/kg	0.45	0.03	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Chromium, Total	11		mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Lead, Total	70		mg/kg	2.2	0.13	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Mercury, Total	0.10		mg/kg	0.07	0.02	1	09/08/12 21:00	09/11/12 09:26	EPA 7471B	1,7471B	KL
Selenium, Total	3.6		mg/kg	0.90	0.13	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG
Silver, Total	0.20	J	mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 00:51	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-03

Date Collected: 09/05/12 12:00

Client ID: BLIND DUP

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.2		mg/kg	0.45	0.13	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Barium, Total	210		mg/kg	0.45	0.13	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Cadmium, Total	0.44	J	mg/kg	0.45	0.03	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Lead, Total	87		mg/kg	2.2	0.13	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Mercury, Total	0.11		mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:28	EPA 7471B	1,7471B	KL
Selenium, Total	2.0		mg/kg	0.90	0.13	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG
Silver, Total	0.15	J	mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 00:54	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-04

Date Collected: 09/05/12 10:00

Client ID: POST EXC 3

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	10		mg/kg	0.43	0.13	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Barium, Total	230		mg/kg	0.43	0.13	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Cadmium, Total	1.6		mg/kg	0.43	0.03	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Chromium, Total	23		mg/kg	0.43	0.09	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Lead, Total	460		mg/kg	2.2	0.13	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:33	EPA 7471B	1,7471B	KL
Selenium, Total	0.76	J	mg/kg	0.87	0.13	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG
Silver, Total	0.30	J	mg/kg	0.43	0.09	1	09/10/12 15:46	09/11/12 00:57	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-05

Date Collected: 09/05/12 10:15

Client ID: POST EXC 4

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	10		mg/kg	0.45	0.14	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Barium, Total	140		mg/kg	0.45	0.14	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Cadmium, Total	0.80		mg/kg	0.45	0.03	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Lead, Total	640		mg/kg	2.2	0.14	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Mercury, Total	2.8		mg/kg	0.22	0.05	3	09/08/12 21:00	09/11/12 12:41	EPA 7471B	1,7471B	KL
Selenium, Total	0.98		mg/kg	0.90	0.14	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG
Silver, Total	0.44	J	mg/kg	0.45	0.09	1	09/10/12 15:46	09/11/12 01:00	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-06

Date Collected: 09/05/12 10:40

Client ID: POST EXC 5

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.7		mg/kg	0.42	0.12	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Barium, Total	120		mg/kg	0.42	0.12	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Cadmium, Total	0.43		mg/kg	0.42	0.03	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Chromium, Total	11		mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Lead, Total	120		mg/kg	2.1	0.12	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Mercury, Total	0.67		mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:37	EPA 7471B	1,7471B	KL
Selenium, Total	1.2		mg/kg	0.83	0.12	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG
Silver, Total	0.17	J	mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 01:04	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-07

Date Collected: 09/05/12 11:04

Client ID: POST EXC 6

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.8		mg/kg	0.42	0.12	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Barium, Total	160		mg/kg	0.42	0.12	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Cadmium, Total	0.81		mg/kg	0.42	0.03	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Chromium, Total	19		mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Lead, Total	82		mg/kg	2.1	0.12	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Mercury, Total	0.27		mg/kg	0.07	0.02	1	09/08/12 21:00	09/11/12 09:39	EPA 7471B	1,7471B	KL
Selenium, Total	1.6		mg/kg	0.84	0.12	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG
Silver, Total	0.16	J	mg/kg	0.42	0.08	1	09/10/12 15:46	09/11/12 01:07	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-08

Date Collected: 09/05/12 11:22

Client ID: POST EXC 7

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	1.3		mg/kg	0.41	0.12	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Barium, Total	17		mg/kg	0.41	0.12	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Cadmium, Total	0.24	J	mg/kg	0.41	0.03	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Chromium, Total	4.2		mg/kg	0.41	0.08	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Lead, Total	9.3		mg/kg	2.1	0.12	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:41	EPA 7471B	1,7471B	KL
Selenium, Total	0.28	J	mg/kg	0.83	0.12	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.41	0.08	1	09/10/12 15:46	09/11/12 01:16	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

SAMPLE RESULTS

Lab ID: L1215819-09

Date Collected: 09/05/12 11:50

Client ID: POST EXC 8

Date Received: 09/05/12

Sample Location: 125 MAIN ST

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.8		mg/kg	0.46	0.14	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Barium, Total	110		mg/kg	0.46	0.14	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Cadmium, Total	0.49		mg/kg	0.46	0.03	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Chromium, Total	13		mg/kg	0.46	0.09	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Lead, Total	61		mg/kg	2.3	0.14	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Mercury, Total	0.18		mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:43	EPA 7471B	1,7471B	KL
Selenium, Total	1.3		mg/kg	0.91	0.14	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.46	0.09	1	09/10/12 15:46	09/11/12 01:19	EPA 3050B	1,6010C	MG



Project Name: DONAVAN BLDG

Lab Number: L1215819

Project Number: 0105-012-001

Report Date: 09/12/12

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-09 Batch: WG559518-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 09:12	1,7471B	KL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG559524-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	09/08/12 21:00	09/11/12 10:02	1,7471B	KL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-09 Batch: WG559754-1									
Arsenic, Total	ND	mg/kg	0.40	0.12	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Barium, Total	ND	mg/kg	0.40	0.12	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Cadmium, Total	ND	mg/kg	0.40	0.02	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Chromium, Total	ND	mg/kg	0.40	0.08	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Lead, Total	ND	mg/kg	2.0	0.12	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Selenium, Total	ND	mg/kg	0.80	0.12	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG
Silver, Total	ND	mg/kg	0.40	0.08	1	09/10/12 15:46	09/11/12 00:20	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-09 Batch: WG559518-2 SRM Lot Number: 0518-10-02								
Mercury, Total	98		-		80-120	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG559524-2 SRM Lot Number: 0518-10-02								
Mercury, Total	92		-		67-133	-		
Total Metals - Westborough Lab Associated sample(s): 01-09 Batch: WG559754-2								
Arsenic, Total	107		-		75-125	-		
Barium, Total	108		-		75-125	-		
Cadmium, Total	106		-		75-125	-		
Chromium, Total	101		-		75-125	-		
Lead, Total	100		-		75-125	-		
Selenium, Total	104		-		75-125	-		
Silver, Total	103		-		75-125	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-09 QC Batch ID: WG559518-4 QC Sample: L1215722-04 Client ID: MS Sample												
Mercury, Total	ND	0.162	0.16	99		-	-		70-130	-		35
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG559524-3 WG559524-4 QC Sample: L1215819-01 Client ID: POST EXC 1												
Mercury, Total	0.27	0.16	0.44	106		0.46	111		70-130	4		35
Total Metals - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG559754-3 WG559754-4 QC Sample: L1215819-01 Client ID: POST EXC 1												
Arsenic, Total	4.4	10.1	14	95		14	96		75-125	0		35
Barium, Total	85.	168	300	128	Q	310	136	Q	75-125	3		35
Cadmium, Total	0.49	4.29	4.2	86		4.2	88		75-125	0		35
Chromium, Total	13.	16.8	30	101		31	108		75-125	3		35
Lead, Total	73.	42.9	120	109		100	64	Q	75-125	18		35
Selenium, Total	1.0	10.1	11	99		11	100		75-125	0		35
Silver, Total	0.10J	25.3	26	103		26	104		75-125	0		35

Lab Duplicate Analysis
Batch Quality Control**Project Name:** DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-09 QC Batch ID: WG559518-3 QC Sample: L1215722-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		35

INORGANICS & MISCELLANEOUS

Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-01**Client ID:** POST EXC 1**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 08:45**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-02**Client ID:** POST EXC 2**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 09:15**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-03**Client ID:** BLIND DUP**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 12:00**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-04**Client ID:** POST EXC 3**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 10:00**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-05**Client ID:** POST EXC 4**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 10:15**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-06**Client ID:** POST EXC 5**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 10:40**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-07**Client ID:** POST EXC 6**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 11:04**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-08**Client ID:** POST EXC 7**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 11:22**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Project Name: DONAVAN BLDG**Project Number:** 0105-012-001**Lab Number:** L1215819**Report Date:** 09/12/12**SAMPLE RESULTS****Lab ID:** L1215819-09**Client ID:** POST EXC 8**Sample Location:** 125 MAIN ST**Matrix:** Soil**Date Collected:** 09/05/12 11:50**Date Received:** 09/05/12**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	09/06/12 18:20	30,2540G	RD



Lab Duplicate Analysis
Batch Quality Control

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG559168-1 QC Sample: L1215818-01 Client ID: DUP Sample						
Solids, Total	88.	87	%	1		20

Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1215819-01A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-01B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-01C	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-01D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-01E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-01F	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),MS/MSD(),CD-TI(180)
L1215819-02A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-02B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1215819-03A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-03B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-04A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-04B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-05A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-05B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-06A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-06B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-07A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-07B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-08A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days



Project Name: DONAVAN BLDG

Project Number: 0105-012-001

Lab Number: L1215819

Report Date: 09/12/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1215819-08B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-09A	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1215819-09B	Amber 250ml unpreserved	A	N/A	3	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

Container Comments

L1215819-01B

*Values in parentheses indicate holding time in days



Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers



Project Name: DONAVAN BLDG**Lab Number:** L1215819**Project Number:** 0105-012-001**Report Date:** 09/12/12**Data Qualifiers**

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers



Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP (Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.

Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

Drinking Water (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters: (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500CI-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. NELAP Accredited.

Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311, 1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. **NELAP Accredited.**
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A, 3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P, BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. **NELAP Accredited via NJ-DEP.**

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commission on Environmental Quality Certificate/Lab ID: T104704476-09-1. **NELAP Accredited.**

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S₂ D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. **NELAP Accredited.**

Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.

Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:

EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnaphthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO₂ in a soil matrix, NO₃ in a soil matrix, SO₄ in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

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WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: BenchmarkAddress: 2558 Hambury TurnpikePhone: (716) 856-0599Fax: (716) 856-0583Email: TBerkult@Turnkeyllc.com
☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

CAT B

Project Information

Project Name: Dungen BldgProject Location: 125 Main StProject #: 0105-012-001Project Manager: M. Lesienkowski

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 9/12/12 Time:Date Rec'd in Lab: 9-5-12ALPHA Job #: L1215819

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☐ ADEX ☐ Add'l Deliverables

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

SAMPLE HANDLING	
Filtration	☐ Done
	☐ Not needed
	☐ Lab to do
Preservation	☐ Lab to do
	☐ Lab to do
(Please specify below)	
Sample Specific Comments	

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials
15819-1	Post Exc 1 (ms/msd)	9/5/12	845	soil	TAB
2	Post Exc 2		915		
3	Blind Deep		1200		
4	Post Exc 3		1000		
5	Post Exc 4		1015		
6	Post Exc 5		1040		
7	Post Exc 6		1104		
8	Post Exc 7		1122		
9	Post Exc 8		1150		

Relinquished By:	Date/Time	Received By:	Date/Time
<u>John P. Ruckner</u>	<u>9/5/12 1400</u>	<u>John P. Ruckner</u>	<u>9-5-12/1510</u>
<u>John P. Ruckner</u>	<u>9-5-12/1850</u>	<u>John P. Ruckner</u>	<u>9-5-12/1850</u>
<u>John P. Ruckner</u>	<u>9-5-12/1850</u>	<u>John P. Ruckner</u>	<u>9-5-12/1850</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -1

Lab Sample ID: 130210-01

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.40

mg/Kg

1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -1

Lab Sample ID: 130210-01

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.0	mg/Kg		1/16/2013
Barium	28	mg/Kg		1/16/2013
Cadmium	< 0.59	mg/Kg		1/16/2013
Chromium	7.1	mg/Kg		1/16/2013
Lead (Axial)	86	mg/Kg		1/16/2013
Selenium	< 1.2	mg/Kg		1/16/2013
Silver	< 1.2	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: **EnSol, Inc.**

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -1

Lab Sample ID: 130210-01

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 320	ug/Kg		1/18/2013
Acenaphthylene	< 320	ug/Kg		1/18/2013
Anthracene	< 320	ug/Kg		1/18/2013
Benzo (a) anthracene	180	ug/Kg	J	1/18/2013
Benzo (a) pyrene	210	ug/Kg	J	1/18/2013
Benzo (b) fluoranthene	190	ug/Kg	J	1/18/2013
Benzo (g,h,i) perylene	160	ug/Kg	J	1/18/2013
Benzo (k) fluoranthene	< 320	ug/Kg		1/18/2013
Chrysene	200	ug/Kg	J	1/18/2013
Dibenz (a,h) anthracene	< 320	ug/Kg		1/18/2013
Fluoranthene	360	ug/Kg		1/18/2013
Fluorene	< 320	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 320	ug/Kg		1/18/2013
Naphthalene	< 320	ug/Kg		1/18/2013
Phenanthrene	250	ug/Kg	J	1/18/2013
Pyrene	340	ug/Kg		1/18/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67418.D



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -2

Lab Sample ID: 130210-02

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.38

mg/Kg

1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -2

Lab Sample ID: 130210-02

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	5.3	mg/Kg		1/16/2013
Barium	27	mg/Kg		1/16/2013
Cadmium	0.39	mg/Kg	J	1/16/2013
Chromium	12	mg/Kg		1/16/2013
Lead (Axial)	26	mg/Kg		1/16/2013
Selenium	< 1.2	mg/Kg		1/16/2013
Silver	< 1.2	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -2

Lab Sample ID: 130210-02

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	< 320	ug/Kg		1/18/2013
Acenaphthylene	< 320	ug/Kg		1/18/2013
Anthracene	< 320	ug/Kg		1/18/2013
Benzo (a) anthracene	< 320	ug/Kg		1/18/2013
Benzo (a) pyrene	< 320	ug/Kg		1/18/2013
Benzo (b) fluoranthene	< 320	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	< 320	ug/Kg		1/18/2013
Benzo (k) fluoranthene	< 320	ug/Kg		1/18/2013
Chrysene	< 320	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 320	ug/Kg		1/18/2013
Fluoranthene	< 320	ug/Kg		1/18/2013
Fluorene	< 320	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 320	ug/Kg		1/18/2013
Naphthalene	< 320	ug/Kg		1/18/2013
Phenanthrene	< 320	ug/Kg		1/18/2013
Pyrene	< 320	ug/Kg		1/18/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67419.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -3

Lab Sample ID: 130210-03

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.026

mg/Kg

1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -3

Lab Sample ID: 130210-03

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.8	mg/Kg		1/16/2013
Barium	29	mg/Kg		1/16/2013
Cadmium	0.44	mg/Kg	J	1/16/2013
Chromium	10	mg/Kg		1/16/2013
Lead (Axial)	8.6	mg/Kg		1/16/2013
Selenium	< 1.0	mg/Kg		1/16/2013
Silver	< 1.0	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: **EnSol, Inc.**

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -3

Lab Sample ID: 130210-03

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 320	ug/Kg		1/18/2013
Acenaphthylene	< 320	ug/Kg		1/18/2013
Anthracene	180	ug/Kg	J	1/18/2013
Benzo (a) anthracene	390	ug/Kg		1/18/2013
Benzo (a) pyrene	330	ug/Kg		1/18/2013
Benzo (b) fluoranthene	320	ug/Kg	J	1/18/2013
Benzo (g,h,i) perylene	210	ug/Kg	J	1/18/2013
Benzo (k) fluoranthene	240	ug/Kg	J	1/18/2013
Chrysene	410	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 320	ug/Kg		1/18/2013
Fluoranthene	830	ug/Kg		1/18/2013
Fluorene	< 320	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	280	ug/Kg	J	1/18/2013
Naphthalene	< 320	ug/Kg		1/18/2013
Phenanthrene	820	ug/Kg		1/18/2013
Pyrene	730	ug/Kg		1/18/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67420.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -4

Lab Sample ID: 130210-04

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.021

mg/Kg

1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -4

Lab Sample ID: 130210-04

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	5.7	mg/Kg		1/16/2013
Barium	24	mg/Kg		1/16/2013
Cadmium	0.43	mg/Kg	J	1/16/2013
Chromium	11	mg/Kg		1/16/2013
Lead (Axial)	10	mg/Kg		1/16/2013
Selenium	< 1.2	mg/Kg		1/16/2013
Silver	< 1.2	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: **EnSol, Inc.**

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -4

Lab Sample ID: 130210-04

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 330	ug/Kg		1/18/2013
Acenaphthylene	< 330	ug/Kg		1/18/2013
Anthracene	< 330	ug/Kg		1/18/2013
Benzo (a) anthracene	< 330	ug/Kg		1/18/2013
Benzo (a) pyrene	< 330	ug/Kg		1/18/2013
Benzo (b) fluoranthene	< 330	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	< 330	ug/Kg		1/18/2013
Benzo (k) fluoranthene	< 330	ug/Kg		1/18/2013
Chrysene	< 330	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 330	ug/Kg		1/18/2013
Fluoranthene	< 330	ug/Kg		1/18/2013
Fluorene	< 330	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 330	ug/Kg		1/18/2013
Naphthalene	< 330	ug/Kg		1/18/2013
Phenanthrene	< 330	ug/Kg		1/18/2013
Pyrene	< 330	ug/Kg		1/18/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67421.D



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -5

Lab Sample ID: 130210-05

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Mercury	0.0048	mg/Kg	J	1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -5

Lab Sample ID: 130210-05

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.8	mg/Kg		1/16/2013
Barium	23	mg/Kg		1/16/2013
Cadmium	0.44	mg/Kg	J	1/16/2013
Chromium	12	mg/Kg		1/16/2013
Lead (Axial)	23	mg/Kg		1/16/2013
Selenium	< 1.1	mg/Kg		1/16/2013
Silver	< 1.1	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -5

Lab Sample ID: 130210-05

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	< 340	ug/Kg		1/18/2013
Acenaphthylene	< 340	ug/Kg		1/18/2013
Anthracene	< 340	ug/Kg		1/18/2013
Benzo (a) anthracene	< 340	ug/Kg		1/18/2013
Benzo (a) pyrene	< 340	ug/Kg		1/18/2013
Benzo (b) fluoranthene	< 340	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	< 340	ug/Kg		1/18/2013
Benzo (k) fluoranthene	< 340	ug/Kg		1/18/2013
Chrysene	< 340	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		1/18/2013
Fluoranthene	220	ug/Kg	J	1/18/2013
Fluorene	< 340	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 340	ug/Kg		1/18/2013
Naphthalene	< 340	ug/Kg		1/18/2013
Phenanthrene	< 340	ug/Kg		1/18/2013
Pyrene	180	ug/Kg	J	1/18/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67422.D



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -6

Lab Sample ID: 130210-06

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Mercury

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Mercury	0.0068	mg/Kg	JDM	1/16/2013

Method Reference(s): EPA 7471B

Data File: hg011613a



Lab Project ID: 130210

Client: EnSol, Inc.

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -6

Lab Sample ID: 130210-06

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	8.8	mg/Kg		1/16/2013
Barium	120	mg/Kg	D	1/16/2013
Cadmium	1.4	mg/Kg	D	1/16/2013
Chromium	13	mg/Kg		1/16/2013
Lead (Axial)	340	mg/Kg		1/16/2013
Selenium	< 1.1	mg/Kg		1/16/2013
Silver	< 1.1	mg/Kg		1/16/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 011613B



Lab Project ID: 130210

Client: **EnSol, Inc.**

Project Reference: 125 Main St.

Sample Identifier: Post Ex - North Wall -6

Lab Sample ID: 130210-06

Date Sampled: 1/14/2013

Matrix: Soil

Date Received: 1/15/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 330	ug/Kg		1/18/2013
Acenaphthylene	< 330	ug/Kg		1/18/2013
Anthracene	280	ug/Kg	J	1/18/2013
Benzo (a) anthracene	650	ug/Kg		1/18/2013
Benzo (a) pyrene	550	ug/Kg		1/18/2013
Benzo (b) fluoranthene	500	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	330	ug/Kg		1/18/2013
Benzo (k) fluoranthene	440	ug/Kg		1/18/2013
Chrysene	670	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 330	ug/Kg		1/18/2013
Fluoranthene	1300	ug/Kg		1/18/2013
Fluorene	< 330	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	420	ug/Kg		1/18/2013
Naphthalene	< 330	ug/Kg		1/18/2013
Phenanthrene	1000	ug/Kg		1/18/2013
Pyrene	1200	ug/Kg		1/18/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67423.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

PROJECT NAME/SITE NAME:
125 MAIN ST. SITE

REPORT TO:		INVOICE TO:	
COMPANY: ENSER, INC.	ADDRESS: 661 MAIN ST.	COMPANY: SAME	ADDRESS: 130210
CITY: NEWARK FALLS	STATE: NY	CITY: NEWARK FALLS	STATE: NY
PHONE: (66) 285-3920	FAX: (66) 285-3928	PHONE: (66) 285-3920	FAX: (66) 285-3928
ATTN: DANIEL POP	ATTN: DANIEL POP	ATTN: DANIEL POP	ATTN: DANIEL POP
COMMENTS: EMMER, DCPPE enservinc.com		COMMENTS: EMMER, DCPPE enservinc.com	
LAB PROJECT #:	CLIENT PROJECT #:	LAB PROJECT #:	CLIENT PROJECT #:
130210		130210	
TURNAROUND TIME: (WORKING DAYS)		TURNAROUND TIME: (WORKING DAYS)	
7-10/14/12		7-10/14/12	
QUOTE #:	QUOTE #:	QUOTE #:	QUOTE #:
1	2	3	5
STD		OTHER	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/14/13	0935	X	X	POST EX - NORTH WALL-1	SD 1	X	ASP Coat B per quote.	01
2	0935	X	X	POST-EX - NORTH WALL-2	SD 1	X		02
3	0935	X	X	POST EX - NORTH WALL-3	SD 1	X	EAH 1/15	03
4	0936	X	X	POST EX - NORTH WALL-4	SD 1	X		04
5	0936	X	X	POST EX - NORTH WALL-5	SD 1	X		05
6	0936	X	X	POST EX - NORTH WALL-6	SD 1	X		06
7								
8								
9								
10								

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Container Type:	Y ☐	N ☐	
Comments:			
Preservation:	Y ☐	N ☐	
Comments:			
Holding Time:	Y ☐	N ☐	
Comments:			
Temperature:	Y ☐	N ☐	
Comments:			

@ 1230 11/5/13 from temple hte

Sampled By	11/14/13	Date/Time	EAH
Relinquished By	11/14/13	Date/Time	
Received By	11/14/13	Date/Time	
Received @ Lab By	11/15/13	Date/Time	
Total Cost:		EAH	
P.I.F.			

Cooler sealed w/ tape. No custody seals.



Chain of Custody Supplement

Client:

Ensul

Completed by:

mm

Lab Project ID:

130210

Date:

1/15/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	1°C ice @ 1230 1/15/13 from temp B/L		
Sufficient Sample Quantity	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 1

Lab Sample ID: 130222-01

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

3.2

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



PARADIGM
ENVIRONMENTAL SERVICES, INC.

219
(re-issued)

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 1

Lab Sample ID: 130222-01

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	21	mg/Kg		1/18/2013
Barium	96	mg/Kg		1/18/2013
Cadmium	0.87	mg/Kg		1/18/2013
Chromium	15	mg/Kg		1/18/2013
Lead (Axial)	300	mg/Kg		1/18/2013
Selenium	1.3	mg/Kg	J	1/21/2013
Silver	< 1.4	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, March 13, 2013



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 1

Lab Sample ID: 130222-01

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 400	ug/Kg		1/18/2013
Acenaphthylene	< 400	ug/Kg		1/18/2013
Anthracene	< 400	ug/Kg		1/18/2013
Benzo (a) anthracene	210	ug/Kg	J	1/18/2013
Benzo (a) pyrene	< 400	ug/Kg		1/18/2013
Benzo (b) fluoranthene	< 400	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	< 400	ug/Kg		1/18/2013
Benzo (k) fluoranthene	< 400	ug/Kg		1/18/2013
Chrysene	220	ug/Kg	J	1/18/2013
Dibenz (a,h) anthracene	< 400	ug/Kg		1/18/2013
Fluoranthene	420	ug/Kg		1/18/2013
Fluorene	< 400	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 400	ug/Kg		1/18/2013
Naphthalene	< 400	ug/Kg		1/18/2013
Phenanthrene	460	ug/Kg		1/18/2013
Pyrene	360	ug/Kg	J	1/18/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67425.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 2

Lab Sample ID: 130222-02

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.0091

mg/Kg

J

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 2

Lab Sample ID: 130222-02

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	120	mg/Kg		1/18/2013
Barium	130	mg/Kg		1/18/2013
Cadmium	19	mg/Kg		1/18/2013
Chromium	19	mg/Kg		1/18/2013
Lead (Axial)	530	mg/Kg		1/18/2013
Selenium	< 1.5	mg/Kg		1/18/2013
Silver	1.6	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 2

Lab Sample ID: 130222-02

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	770	ug/Kg		1/18/2013
Acenaphthylene	270	ug/Kg	J	1/18/2013
Anthracene	1800	ug/Kg		1/18/2013
Benzo (a) anthracene	2900	ug/Kg		1/18/2013
Benzo (a) pyrene	2300	ug/Kg		1/18/2013
Benzo (b) fluoranthene	2200	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	1400	ug/Kg		1/18/2013
Benzo (k) fluoranthene	1700	ug/Kg		1/18/2013
Chrysene	2900	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	360	ug/Kg	J	1/18/2013
Fluoranthene	5900	ug/Kg		1/18/2013
Fluorene	720	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	1700	ug/Kg		1/18/2013
Naphthalene	500	ug/Kg		1/18/2013
Phenanthrene	6100	ug/Kg		1/18/2013
Pyrene	5200	ug/Kg		1/18/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67426.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 3

Lab Sample ID: 130222-03

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

5.7

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 3

Lab Sample ID: 130222-03

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	100	mg/Kg		1/18/2013
Barium	1900	mg/Kg		1/18/2013
Cadmium	16	mg/Kg		1/18/2013
Chromium	38	mg/Kg		1/18/2013
Lead (Axial)	70000	mg/Kg		1/21/2013
Selenium	14	mg/Kg		1/18/2013
Silver	2.9	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 3

Lab Sample ID: 130222-03

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	190	ug/Kg	J	1/18/2013
Acenaphthylene	250	ug/Kg	J	1/18/2013
Anthracene	540	ug/Kg		1/18/2013
Benzo (a) anthracene	1700	ug/Kg		1/18/2013
Benzo (a) pyrene	1600	ug/Kg		1/18/2013
Benzo (b) fluoranthene	1800	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	1300	ug/Kg		1/18/2013
Benzo (k) fluoranthene	1300	ug/Kg		1/18/2013
Chrysene	1800	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	250	ug/Kg	J	1/18/2013
Fluoranthene	2900	ug/Kg		1/18/2013
Fluorene	190	ug/Kg	J	1/18/2013
Indeno (1,2,3-cd) pyrene	1800	ug/Kg		1/18/2013
Naphthalene	< 360	ug/Kg		1/18/2013
Phenanthrene	2100	ug/Kg		1/18/2013
Pyrene	2500	ug/Kg		1/18/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67427.D



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 3A

Lab Sample ID: 130888-04

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Mercury

Analyte

Mercury

Result

0.21

Units

mg/Kg

Qualifier

Date Analyzed

3/15/2013

Method Reference(s):

EPA 7471B

Data File:

hg130315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 3A

Lab Sample ID: 130888-04

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	18	mg/Kg		3/14/2013
Barium	130	mg/Kg		3/14/2013
Cadmium	< 0.77	mg/Kg		3/14/2013
Chromium	18	mg/Kg		3/14/2013
Lead (Axial)	180	mg/Kg		3/14/2013
Selenium	< 1.5	mg/Kg		3/14/2013
Silver	< 1.5	mg/Kg		3/14/2013
Method Reference(s):	EPA 6010B EPA 3050			
Data File:	031413a			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 15, 2013



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 4

Lab Sample ID: 130222-04

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Mercury	1.5	mg/Kg		1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 4

Lab Sample ID: 130222-04

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.5	mg/Kg		1/18/2013
Barium	66	mg/Kg		1/18/2013
Cadmium	0.47	mg/Kg	J	1/18/2013
Chromium	15	mg/Kg		1/18/2013
Lead (Axial)	110	mg/Kg		1/18/2013
Selenium	< 1.2	mg/Kg		1/18/2013
Silver	< 1.2	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 4

Lab Sample ID: 130222-04

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 340	ug/Kg		1/18/2013
Acenaphthylene	< 340	ug/Kg		1/18/2013
Anthracene	< 340	ug/Kg		1/18/2013
Benzo (a) anthracene	210	ug/Kg	J	1/18/2013
Benzo (a) pyrene	< 340	ug/Kg		1/18/2013
Benzo (b) fluoranthene	< 340	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	< 340	ug/Kg		1/18/2013
Benzo (k) fluoranthene	< 340	ug/Kg		1/18/2013
Chrysene	240	ug/Kg	J	1/18/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		1/18/2013
Fluoranthene	420	ug/Kg		1/18/2013
Fluorene	< 340	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	< 340	ug/Kg		1/18/2013
Naphthalene	< 340	ug/Kg		1/18/2013
Phenanthrene	380	ug/Kg		1/18/2013
Pyrene	350	ug/Kg		1/18/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67428.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 5

Lab Sample ID: 130222-05

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0099

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 5

Lab Sample ID: 130222-05

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	6.0	mg/Kg		1/18/2013
Barium	200	mg/Kg		1/18/2013
Cadmium	1.1	mg/Kg		1/18/2013
Chromium	11	mg/Kg		1/18/2013
Lead (Axial)	140	mg/Kg		1/18/2013
Selenium	< 1.1	mg/Kg		1/18/2013
Silver	1.0	mg/Kg	J	1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 5

Lab Sample ID: 130222-05

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	590	ug/Kg		1/18/2013
Acenaphthylene	< 350	ug/Kg		1/18/2013
Anthracene	920	ug/Kg		1/18/2013
Benzo (a) anthracene	1400	ug/Kg		1/18/2013
Benzo (a) pyrene	1100	ug/Kg		1/18/2013
Benzo (b) fluoranthene	980	ug/Kg		1/18/2013
Benzo (g,h,i) perylene	670	ug/Kg		1/18/2013
Benzo (k) fluoranthene	850	ug/Kg		1/18/2013
Chrysene	1300	ug/Kg		1/18/2013
Dibenz (a,h) anthracene	< 350	ug/Kg		1/18/2013
Fluoranthene	2900	ug/Kg		1/18/2013
Fluorene	570	ug/Kg		1/18/2013
Indeno (1,2,3-cd) pyrene	980	ug/Kg		1/18/2013
Naphthalene	510	ug/Kg		1/18/2013
Phenanthrene	3600	ug/Kg		1/18/2013
Pyrene	2600	ug/Kg		1/18/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67429.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 6

Lab Sample ID: 130222-06

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0092

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 6

Lab Sample ID: 130222-06

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	18	mg/Kg		1/18/2013
Barium	210	mg/Kg		1/18/2013
Cadmium	2.4	mg/Kg		1/18/2013
Chromium	12	mg/Kg		1/18/2013
Lead (Axial)	1600	mg/Kg		1/18/2013
Selenium	< 1.3	mg/Kg		1/18/2013
Silver	3.8	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 6

Lab Sample ID: 130222-06

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	540	ug/Kg		1/21/2013
Acenaphthylene	< 340	ug/Kg		1/21/2013
Anthracene	920	ug/Kg		1/21/2013
Benzo (a) anthracene	1600	ug/Kg		1/21/2013
Benzo (a) pyrene	1400	ug/Kg		1/21/2013
Benzo (b) fluoranthene	1300	ug/Kg		1/21/2013
Benzo (g,h,i) perylene	870	ug/Kg		1/21/2013
Benzo (k) fluoranthene	960	ug/Kg		1/21/2013
Chrysene	1700	ug/Kg		1/21/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		1/21/2013
Fluoranthene	3400	ug/Kg		1/21/2013
Fluorene	470	ug/Kg		1/21/2013
Indeno (1,2,3-cd) pyrene	1100	ug/Kg		1/21/2013
Naphthalene	540	ug/Kg		1/21/2013
Phenanthrene	3500	ug/Kg		1/21/2013
Pyrene	3000	ug/Kg		1/21/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67459.D



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 6A

Lab Sample ID: 130888-02

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Mercury

Analyte

Mercury

Result

< 0.019

Units

mg/Kg

Qualifier

Date Analyzed

3/15/2013

Method Reference(s):

EPA 7471B

Data File:

hg130315a

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Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 6A

Lab Sample ID: 130888-02

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	8.0	mg/Kg		3/14/2013
Barium	260	mg/Kg		3/14/2013
Cadmium	0.72	mg/Kg		3/14/2013
Chromium	17	mg/Kg		3/14/2013
Lead (Axial)	540	mg/Kg		3/14/2013
Selenium	2.8	mg/Kg		3/14/2013
Silver	2.6	mg/Kg		3/14/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	031413b			

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Report Prepared Friday, March 15, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 7

Lab Sample ID: 130222-07

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.039

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 7

Lab Sample ID: 130222-07

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	6.4	mg/Kg		1/18/2013
Barium	81	mg/Kg		1/18/2013
Cadmium	2.6	mg/Kg		1/18/2013
Chromium	17	mg/Kg		1/18/2013
Lead (Axial)	26	mg/Kg		1/18/2013
Selenium	< 1.3	mg/Kg		1/18/2013
Silver	< 1.3	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 7

Lab Sample ID: 130222-07

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	< 360	ug/Kg		1/21/2013
Acenaphthylene	< 360	ug/Kg		1/21/2013
Anthracene	< 360	ug/Kg		1/21/2013
Benzo (a) anthracene	< 360	ug/Kg		1/21/2013
Benzo (a) pyrene	< 360	ug/Kg		1/21/2013
Benzo (b) fluoranthene	< 360	ug/Kg		1/21/2013
Benzo (g,h,i) perylene	< 360	ug/Kg		1/21/2013
Benzo (k) fluoranthene	< 360	ug/Kg		1/21/2013
Chrysene	< 360	ug/Kg		1/21/2013
Dibenz (a,h) anthracene	< 360	ug/Kg		1/21/2013
Fluoranthene	< 360	ug/Kg		1/21/2013
Fluorene	< 360	ug/Kg		1/21/2013
Indeno (1,2,3-cd) pyrene	< 360	ug/Kg		1/21/2013
Naphthalene	< 360	ug/Kg		1/21/2013
Phenanthrene	< 360	ug/Kg		1/21/2013
Pyrene	< 360	ug/Kg		1/21/2013

Surrogate outliers indicate probable matrix interference.

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67457.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 8

Lab Sample ID: 130222-08

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.010

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 8

Lab Sample ID: 130222-08

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	16	mg/Kg		1/18/2013
Barium	350	mg/Kg		1/18/2013
Cadmium	2.9	mg/Kg		1/18/2013
Chromium	15	mg/Kg		1/18/2013
Lead (Axial)	2400	mg/Kg		1/18/2013
Selenium	3.0	mg/Kg		1/21/2013
Silver	0.85	mg/Kg	J	1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 8

Lab Sample ID: 130222-08

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	19000	ug/Kg		1/21/2013
Acenaphthylene	< 17000	ug/Kg		1/21/2013
Anthracene	49000	ug/Kg		1/21/2013
Benzo (a) anthracene	78000	ug/Kg		1/21/2013
Benzo (a) pyrene	58000	ug/Kg		1/21/2013
Benzo (b) fluoranthene	55000	ug/Kg		1/21/2013
Benzo (g,h,i) perylene	32000	ug/Kg		1/21/2013
Benzo (k) fluoranthene	38000	ug/Kg		1/21/2013
Chrysene	77000	ug/Kg		1/21/2013
Dibenz (a,h) anthracene	< 17000	ug/Kg		1/21/2013
Fluoranthene	170000	ug/Kg		1/21/2013
Fluorene	34000	ug/Kg		1/21/2013
Indeno (1,2,3-cd) pyrene	44000	ug/Kg		1/21/2013
Naphthalene	28000	ug/Kg		1/21/2013
Phenanthrene	210000	ug/Kg		1/21/2013
Pyrene	140000	ug/Kg		1/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67458.D



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 8A

Lab Sample ID: 130888-01

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Mercury

Analyte

Mercury

Result

< 0.017

Units

mg/Kg

Qualifier

Date Analyzed

3/15/2013

Method Reference(s):

EPA 7471B

Data File:

hg130315a

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Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 8A

Lab Sample ID: 130888-01

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	13	mg/Kg		3/14/2013
Barium	290	mg/Kg		3/14/2013
Cadmium	2.5	mg/Kg		3/14/2013
Chromium	23	mg/Kg		3/14/2013
Lead (Axial)	4500	mg/Kg		3/14/2013
Selenium	3.7	mg/Kg	D	3/14/2013
Silver	3.1	mg/Kg		3/14/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 031413a

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Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex North Floor - 8A

Lab Sample ID: 130888-01

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	1000	ug/Kg		3/14/2013
Acenaphthylene	450	ug/Kg	J	3/14/2013
Anthracene	2600	ug/Kg		3/14/2013
Benzo (a) anthracene	3800	ug/Kg		3/14/2013
Benzo (a) pyrene	3100	ug/Kg		3/14/2013
Benzo (b) fluoranthene	2700	ug/Kg		3/14/2013
Benzo (g,h,i) perylene	1700	ug/Kg		3/14/2013
Benzo (k) fluoranthene	2200	ug/Kg		3/14/2013
Chrysene	3800	ug/Kg		3/14/2013
Dibenz (a,h) anthracene	500	ug/Kg	J	3/14/2013
Fluoranthene	8400	ug/Kg		3/14/2013
Fluorene	1100	ug/Kg		3/14/2013
Indeno (1,2,3-cd) pyrene	2000	ug/Kg		3/14/2013
Naphthalene	990	ug/Kg		3/14/2013
Phenanthrene	9400	ug/Kg		3/14/2013
Pyrene	7200	ug/Kg		3/14/2013

Method Reference(s): EPA 8270C
EPA 3550C

Data File: S68416.D

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Report Prepared Friday, March 15, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 9

Lab Sample ID: 130222-09

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

0.87

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 9

Lab Sample ID: 130222-09

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	11	mg/Kg		1/18/2013
Barium	140	mg/Kg		1/18/2013
Cadmium	4.2	mg/Kg		1/18/2013
Chromium	9.4	mg/Kg		1/18/2013
Lead (Axial)	510	mg/Kg		1/18/2013
Selenium	2.6	mg/Kg		1/21/2013
Silver	0.72	mg/Kg	J	1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 9

Lab Sample ID: 130222-09

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	420	ug/Kg		1/19/2013
Acenaphthylene	< 360	ug/Kg		1/19/2013
Anthracene	790	ug/Kg		1/19/2013
Benzo (a) anthracene	1600	ug/Kg		1/19/2013
Benzo (a) pyrene	1300	ug/Kg		1/19/2013
Benzo (b) fluoranthene	1200	ug/Kg		1/19/2013
Benzo (g,h,i) perylene	760	ug/Kg		1/19/2013
Benzo (k) fluoranthene	980	ug/Kg		1/19/2013
Chrysene	1700	ug/Kg		1/19/2013
Dibenz (a,h) anthracene	< 360	ug/Kg		1/19/2013
Fluoranthene	3500	ug/Kg		1/19/2013
Fluorene	350	ug/Kg	J	1/19/2013
Indeno (1,2,3-cd) pyrene	1000	ug/Kg		1/19/2013
Naphthalene	< 360	ug/Kg		1/19/2013
Phenanthrene	3300	ug/Kg		1/19/2013
Pyrene	3200	ug/Kg		1/19/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67437.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 10

Lab Sample ID: 130222-10

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0087

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 10

Lab Sample ID: 130222-10

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	8.7	mg/Kg		1/18/2013
Barium	270	mg/Kg		1/18/2013
Cadmium	1.6	mg/Kg		1/18/2013
Chromium	8.9	mg/Kg		1/18/2013
Lead (Axial)	900	mg/Kg		1/18/2013
Selenium	1.2	mg/Kg		1/21/2013
Silver	< 1.2	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 10

Lab Sample ID: 130222-10

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	1100	ug/Kg	J	1/19/2013
Acenaphthylene	< 1700	ug/Kg		1/19/2013
Anthracene	2400	ug/Kg		1/19/2013
Benzo (a) anthracene	4900	ug/Kg		1/19/2013
Benzo (a) pyrene	3900	ug/Kg		1/19/2013
Benzo (b) fluoranthene	4100	ug/Kg		1/19/2013
Benzo (g,h,i) perylene	2500	ug/Kg		1/19/2013
Benzo (k) fluoranthene	2700	ug/Kg		1/19/2013
Chrysene	4800	ug/Kg		1/19/2013
Dibenz (a,h) anthracene	< 1700	ug/Kg		1/19/2013
Fluoranthene	11000	ug/Kg		1/19/2013
Fluorene	1200	ug/Kg	J	1/19/2013
Indeno (1,2,3-cd) pyrene	3500	ug/Kg		1/19/2013
Naphthalene	2100	ug/Kg		1/19/2013
Phenanthrene	9700	ug/Kg		1/19/2013
Pyrene	9400	ug/Kg		1/19/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67438.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 11

Lab Sample ID: 130222-11

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.010

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 11

Lab Sample ID: 130222-11

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	8.5	mg/Kg		1/18/2013
Barium	250	mg/Kg		1/18/2013
Cadmium	0.66	mg/Kg		1/18/2013
Chromium	19	mg/Kg		1/18/2013
Lead (Axial)	180	mg/Kg		1/18/2013
Selenium	< 1.2	mg/Kg		1/18/2013
Silver	1.4	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 11

Lab Sample ID: 130222-11

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 340	ug/Kg		1/19/2013
Acenaphthylene	< 340	ug/Kg		1/19/2013
Anthracene	< 340	ug/Kg		1/19/2013
Benzo (a) anthracene	250	ug/Kg	J	1/19/2013
Benzo (a) pyrene	230	ug/Kg	J	1/19/2013
Benzo (b) fluoranthene	240	ug/Kg	J	1/19/2013
Benzo (g,h,i) perylene	180	ug/Kg	J	1/19/2013
Benzo (k) fluoranthene	210	ug/Kg	J	1/19/2013
Chrysene	260	ug/Kg	J	1/19/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		1/19/2013
Fluoranthene	390	ug/Kg		1/19/2013
Fluorene	< 340	ug/Kg		1/19/2013
Indeno (1,2,3-cd) pyrene	250	ug/Kg	J	1/19/2013
Naphthalene	< 340	ug/Kg		1/19/2013
Phenanthrene	220	ug/Kg	J	1/19/2013
Pyrene	350	ug/Kg		1/19/2013

Surrogate outliers indicate probable matrix interference

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67441.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 12

Lab Sample ID: 130222-12

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0098

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 12

Lab Sample ID: 130222-12

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	5.4	mg/Kg		1/18/2013
Barium	150	mg/Kg		1/18/2013
Cadmium	0.69	mg/Kg		1/18/2013
Chromium	13	mg/Kg		1/18/2013
Lead (Axial)	350	mg/Kg		1/18/2013
Selenium	< 1.2	mg/Kg		1/18/2013
Silver	0.60	mg/Kg	J	1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 12

Lab Sample ID: 130222-12

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 350	ug/Kg		1/19/2013
Acenaphthylene	< 350	ug/Kg		1/19/2013
Anthracene	250	ug/Kg	J	1/19/2013
Benzo (a) anthracene	700	ug/Kg		1/19/2013
Benzo (a) pyrene	640	ug/Kg		1/19/2013
Benzo (b) fluoranthene	730	ug/Kg		1/19/2013
Benzo (g,h,i) perylene	460	ug/Kg		1/19/2013
Benzo (k) fluoranthene	430	ug/Kg		1/19/2013
Chrysene	770	ug/Kg		1/19/2013
Dibenz (a,h) anthracene	< 350	ug/Kg		1/19/2013
Fluoranthene	1700	ug/Kg		1/19/2013
Fluorene	< 350	ug/Kg		1/19/2013
Indeno (1,2,3-cd) pyrene	640	ug/Kg		1/19/2013
Naphthalene	< 350	ug/Kg		1/19/2013
Phenanthrene	1000	ug/Kg		1/19/2013
Pyrene	1400	ug/Kg		1/19/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67442.D



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 13

Lab Sample ID: 130222-13

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0092

mg/Kg

1/21/2013

Method Reference(s): EPA 7471B

Data File: hg012113a



Lab Project ID: 130222

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 13

Lab Sample ID: 130222-13

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.5	mg/Kg		1/18/2013
Barium	110	mg/Kg		1/18/2013
Cadmium	0.52	mg/Kg		1/18/2013
Chromium	12	mg/Kg		1/18/2013
Lead (Axial)	79	mg/Kg		1/18/2013
Selenium	< 1.0	mg/Kg		1/18/2013
Silver	< 1.0	mg/Kg		1/18/2013

Method Reference(s): EPA 6010B
EPA 3050



Lab Project ID: 130222

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - North Floor - 13

Lab Sample ID: 130222-13

Date Sampled: 1/15/2013

Matrix: Soil

Date Received: 1/16/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 330	ug/Kg		1/19/2013
Acenaphthylene	< 330	ug/Kg		1/19/2013
Anthracene	170	ug/Kg	J	1/19/2013
Benzo (a) anthracene	630	ug/Kg		1/19/2013
Benzo (a) pyrene	650	ug/Kg		1/19/2013
Benzo (b) fluoranthene	740	ug/Kg		1/19/2013
Benzo (g,h,i) perylene	490	ug/Kg		1/19/2013
Benzo (k) fluoranthene	460	ug/Kg		1/19/2013
Chrysene	720	ug/Kg		1/19/2013
Dibenz (a,h) anthracene	< 330	ug/Kg		1/19/2013
Fluoranthene	1400	ug/Kg		1/19/2013
Fluorene	< 330	ug/Kg		1/19/2013
Indeno (1,2,3-cd) pyrene	730	ug/Kg		1/19/2013
Naphthalene	< 330	ug/Kg		1/19/2013
Phenanthrene	770	ug/Kg		1/19/2013
Pyrene	1200	ug/Kg		1/19/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67443.D

PARADIGM ENVIRONMENTAL SERVICES, INC.
 179 Lake Avenue
 Rochester, NY 14608
 (585) 647-2530 • (800) 724-1997
 FAX: (585) 647-3311

REPORT TO:

INVOICE TO:

COMPANY:

ENSOL, INC.

COMPANY:

SAME

ADDRESS:

661 MAIN ST.

ADDRESS:

STATE:

CITY:

NEARBY FALLS NY

CITY:

STATE:

PHONE:

(716) 285-3920

PHONE:

FAX:

ATTN:

DANIEL BOY

ATTN:

DOOP @ ENSOL INC. COM

PROJECT NAME/SITE NAME:

125 MAIN ST. SITE

QUOTE #:

JH101412

LAB PROJECT #:

130222

CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)

STD OTHER

1 2 3 5

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	RCRA METALS	PAH	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/15/13	0952		X	POST EX - NORTH FLOOR-1	SOIL	X	X	X	ASPCat B per quote. ENH 1/16	01
2	0952					X	X	X		02
3	0953					X	X	X		03
4	0954					X	X	X		04
5	0954					X	X	X		05
6	0955					X	X	X		06
7	0955					X	X	X		07
8	0956					X	X	X		08
9	0956					X	X	X		09
10	0957					X	X	X		10

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter NELAC Compliance

Container Type:

Y ☐ N ☐

Preservation:

Y ☐ N ☐

Holding Time:

Y ☐ N ☐

Temperature:

Y ☐ N ☐

Comments: 1st Cited @ 1230 1/16 from remobil.

Sampled By: DANIEL BOY

Date/Time: 1/15/13

Relinquished By: DANIEL BOY

Date/Time: 1/15/13

Received By: DANIEL BOY

Date/Time: 1/16/13

Received @ Lab By: DANIEL BOY

Date/Time: 1/21/13

Total Cost:

ENH 1/16

P.L.F.

1/2

Cooler Rec'd w/ the Custody seals intact. ENH 1/16

PARADIGM ENVIRONMENTAL SERVICES, INC.

2013

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

REPORT TO:

INVOICE TO:

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

PROJECT NAME/SITE NAME: 125 Main St. SITE

COMPANY: <u>Enviro, Inc.</u>		COMPANY: _____		LAB PROJECT #: <u>130222</u>		CLIENT PROJECT #: _____	
ADDRESS: _____		ADDRESS: _____		TURNAROUND TIME: (WORKING DAYS)			
CITY: _____	STATE: _____	CITY: _____	STATE: _____				
ZIP: _____		ZIP: _____					
PHONE: _____	FAX: _____	PHONE: _____	FAX: _____				
ATTN: _____		ATTN: _____					
COMMENTS: _____				QUOTE #: ☐ 1 ☐ 2 ☒ 3 ☐ 5 ☐ OTHER			

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/15/13	0957		X	Post Ex-NORTH Fence-11		X	RCRA METALS PAH	11
2	0958		↓	-12		X		12
3	0958		↓	-13		X		13
4								
5								
6								
7								
8								
9								
10								

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter NELAC Compliance

Container Type:	Y ☐	N ☐
Preservation:	Y ☐	N ☐
Holding Time:	Y ☐	N ☐
Temperature:	Y ☐	N ☐

Received By: <u>Danae for</u>	Date/Time: <u>1/15/13</u>	Total Cost:
Relinquished By: <u>Danae for</u>	Date/Time: <u>1/15/13 1:00pm</u>	
Received By: <u>Christina A. Homick</u>	Date/Time: <u>1/16/13 1251</u>	P.I.F.
Received @ Lab By: _____	Date/Time: _____	

2/2



Chain of Custody Supplement

Client: EnsolCompleted by: EAHLab Project ID: 130222Date: 1/16/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ - Metals
Comments	<u>10Ciced @ 1236 1/16 from temp blk.</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

REPORT TO:

INVOICE TO:

COMPANY: <u>ENVISOL, INC</u>		COMPANY: <u>ENVISOL, INC</u>		LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <u>6661 MAIN ST.</u>		ADDRESS: <u>6661 MAIN ST.</u>		<u>130888</u>	
CITY: <u>WILKES-BARE</u>	STATE: <u>NY</u>	CITY: <u>WILKES-BARE</u>	STATE: <u>NY</u>	TURNAROUND TIME: (WORKING DAYS)	
ZIP: <u>14301</u>		ZIP: <u>14301</u>			
PHONE: <u>(716) 285-3928</u>	FAX: <u>(716) 285-3928</u>	PHONE: <u>(716) 285-3928</u>	FAX: <u>(716) 285-3928</u>		
ATTN: <u>DAVID POPP</u>		ATTN: <u>DAVID POPP</u>			
PROJECT NAME/SITE NAME: <u>125 MAIN ST. SITE</u>				REQUESTED ANALYSIS: <u>TH101412</u>	
COMMENTS: <u>DP01P @ ENVISOLINC.COM</u>				☐ 1 ☒ 2 ☐ 3 ☐ 4 ☐ 5	

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	R C R A M E T A L S	P A H ' S	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/12/13	1119		X	POST-EX NORTH FLOOR - 8A	SEAL/FIN	1	X	X	CAT B & EDD	01
2	1130		X	POST-EX NORTH FLOOR - 6A		1	X	X		02
3	1103		X	POST-EX EAST FLOOR - 2A		1	X	X		03
4	1001		X	POST-EX NORTH FLOOR - 3A		1	X	X		04
5										
6										
7										
8										
9										
10										

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y ☐ N ☐
Comments:	
Preservation:	Y ☐ N ☐
Comments:	
Holding Time:	Y ☐ N ☐
Comments:	
Temperature:	Y ☐ N ☐
Comments:	

Received By: <u>DAVID POPP</u>	Date/Time: <u>3/12/13</u>	Total Cost:
Relinquished By: <u>DAVID POPP</u>	Date/Time: <u>3/12/13 13:04</u>	
Received By: <u>CHARLOTTE A HONCH</u>	Date/Time: <u>3/13/13 12:51</u>	
Relinquished By: <u>CHARLOTTE A HONCH</u>	Date/Time: <u>3/13/13 12:51</u>	P.I.F.

Covered sealed w/ tape. No custody seal. EPA 3/13.



Chain of Custody Supplement

Client: Ensol

Completed by: EAH

Lab Project ID: 130888

Date: 3/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ Metals
Comments	<u>4°Ciced from temp blk @ 1238 3/13.</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor -1

Lab Sample ID: 130287-01

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0095

mg/Kg

M

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor -1

Lab Sample ID: 130287-01

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	24	mg/Kg	D	1/24/2013
Barium	290	mg/Kg	D	1/24/2013
Cadmium	3.1	mg/Kg	D	1/24/2013
Chromium	20	mg/Kg	D	1/24/2013
Lead (Axial)	920	mg/Kg	DM	1/24/2013
Selenium	4.2	mg/Kg		1/24/2013
Silver	1.2	mg/Kg		1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor -1

Lab Sample ID: 130287-01

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	290	ug/Kg	J M	1/21/2013
Acenaphthylene	290	ug/Kg	J	1/21/2013
Anthracene	900	ug/Kg		1/21/2013
Benzo (a) anthracene	2200	ug/Kg		1/21/2013
Benzo (a) pyrene	2000	ug/Kg		1/21/2013
Benzo (b) fluoranthene	1800	ug/Kg		1/21/2013
Benzo (g,h,i) perylene	1300	ug/Kg		1/21/2013
Benzo (k) fluoranthene	1500	ug/Kg		1/21/2013
Chrysene	2200	ug/Kg		1/21/2013
Dibenz (a,h) anthracene	290	ug/Kg	J	1/21/2013
Fluoranthene	4200	ug/Kg		1/21/2013
Fluorene	360	ug/Kg		1/21/2013
Indeno (1,2,3-cd) pyrene	1800	ug/Kg		1/21/2013
Naphthalene	< 340	ug/Kg		1/21/2013
Phenanthrene	3400	ug/Kg		1/21/2013
Pyrene	3700	ug/Kg	M	1/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67468.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 2

Lab Sample ID: 130287-02

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

1.3

mg/Kg

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, January 24, 2013



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 2

Lab Sample ID: 130287-02

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	19	mg/Kg		1/24/2013
Barium	100	mg/Kg		1/24/2013
Cadmium	2.3	mg/Kg		1/24/2013
Chromium	11	mg/Kg		1/24/2013
Lead (Axial)	1100	mg/Kg		1/24/2013
Selenium	2.2	mg/Kg		1/24/2013
Silver	1.1	mg/Kg		1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 2

Lab Sample ID: 130287-02

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	24000	ug/Kg		1/22/2013
Acenaphthylene	< 8100	ug/Kg		1/22/2013
Anthracene	33000	ug/Kg		1/22/2013
Benzo (a) anthracene	38000	ug/Kg		1/22/2013
Benzo (a) pyrene	25000	ug/Kg		1/22/2013
Benzo (b) fluoranthene	24000	ug/Kg		1/22/2013
Benzo (g,h,i) perylene	11000	ug/Kg		1/22/2013
Benzo (k) fluoranthene	17000	ug/Kg		1/22/2013
Chrysene	36000	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	< 8100	ug/Kg		1/22/2013
Fluoranthene	87000	ug/Kg		1/22/2013
Fluorene	22000	ug/Kg		1/22/2013
Indeno (1,2,3-cd) pyrene	18000	ug/Kg		1/22/2013
Naphthalene	17000	ug/Kg		1/22/2013
Phenanthrene	120000	ug/Kg		1/22/2013
Pyrene	73000	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67494.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex East Floor - 2A

Lab Sample ID: 130888-03

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Mercury

Analyte

Mercury

Result

13

Units

mg/Kg

Qualifier

Date Analyzed

3/15/2013

Method Reference(s):

EPA 7471B

Data File:

hg130315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex East Floor - 2A

Lab Sample ID: 130888-03

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	29	mg/Kg		3/14/2013
Barium	110	mg/Kg		3/14/2013
Cadmium	1.1	mg/Kg		3/14/2013
Chromium	12	mg/Kg		3/14/2013
Lead (Axial)	610	mg/Kg		3/14/2013
Selenium	1.2	mg/Kg		3/14/2013
Silver	1.7	mg/Kg		3/14/2013

Method Reference(s): EPA 6010B
EPA 3050

Data File: 031413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 15, 2013



Lab Project ID: 130888

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post-Ex East Floor - 2A

Lab Sample ID: 130888-03

Date Sampled: 3/12/2013

Matrix: Soil

Date Received: 3/13/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 350	ug/Kg		3/14/2013
Acenaphthylene	< 350	ug/Kg		3/14/2013
Anthracene	280	ug/Kg	J	3/14/2013
Benzo (a) anthracene	710	ug/Kg		3/14/2013
Benzo (a) pyrene	580	ug/Kg		3/14/2013
Benzo (b) fluoranthene	520	ug/Kg		3/14/2013
Benzo (g,h,i) perylene	310	ug/Kg	J	3/14/2013
Benzo (k) fluoranthene	500	ug/Kg		3/14/2013
Chrysene	740	ug/Kg		3/14/2013
Dibenz (a,h) anthracene	< 350	ug/Kg		3/14/2013
Fluoranthene	1500	ug/Kg		3/14/2013
Fluorene	< 350	ug/Kg		3/14/2013
Indeno (1,2,3-cd) pyrene	560	ug/Kg		3/14/2013
Naphthalene	< 350	ug/Kg		3/14/2013
Phenanthrene	1200	ug/Kg		3/14/2013
Pyrene	1300	ug/Kg		3/14/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S68408.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 15, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 3

Lab Sample ID: 130287-03

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0098

mg/Kg

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, January 24, 2013



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 3

Lab Sample ID: 130287-03

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	7.2	mg/Kg		1/24/2013
Barium	260	mg/Kg		1/24/2013
Cadmium	0.49	mg/Kg	J	1/24/2013
Chromium	8.8	mg/Kg		1/24/2013
Lead (Axial)	220	mg/Kg		1/24/2013
Selenium	< 1.1	mg/Kg		1/24/2013
Silver	0.58	mg/Kg	J	1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 3

Lab Sample ID: 130287-03

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	230	ug/Kg	J	1/21/2013
Acenaphthylene	200	ug/Kg	J	1/21/2013
Anthracene	630	ug/Kg		1/21/2013
Benzo (a) anthracene	1300	ug/Kg		1/21/2013
Benzo (a) pyrene	1100	ug/Kg		1/21/2013
Benzo (b) fluoranthene	1100	ug/Kg		1/21/2013
Benzo (g,h,i) perylene	750	ug/Kg		1/21/2013
Benzo (k) fluoranthene	810	ug/Kg		1/21/2013
Chrysene	1300	ug/Kg		1/21/2013
Dibenz (a,h) anthracene	< 330	ug/Kg		1/21/2013
Fluoranthene	2600	ug/Kg		1/21/2013
Fluorene	270	ug/Kg	J	1/21/2013
Indeno (1,2,3-cd) pyrene	930	ug/Kg		1/21/2013
Naphthalene	< 330	ug/Kg		1/21/2013
Phenanthrene	2200	ug/Kg		1/21/2013
Pyrene	2300	ug/Kg		1/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67472.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 4

Lab Sample ID: 130287-04

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0097

mg/Kg

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 4

Lab Sample ID: 130287-04

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	11	mg/Kg		1/24/2013
Barium	150	mg/Kg		1/24/2013
Cadmium	1.5	mg/Kg		1/24/2013
Chromium	13	mg/Kg		1/24/2013
Lead (Axial)	540	mg/Kg		1/24/2013
Selenium	< 1.2	mg/Kg		1/24/2013
Silver	0.80	mg/Kg	J	1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 4

Lab Sample ID: 130287-04

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	1000	ug/Kg		1/22/2013
Acenaphthylene	< 670	ug/Kg		1/22/2013
Anthracene	2300	ug/Kg		1/22/2013
Benzo (a) anthracene	4200	ug/Kg		1/22/2013
Benzo (a) pyrene	3100	ug/Kg		1/22/2013
Benzo (b) fluoranthene	2900	ug/Kg		1/22/2013
Benzo (g,h,i) perylene	1700	ug/Kg		1/22/2013
Benzo (k) fluoranthene	2400	ug/Kg		1/22/2013
Chrysene	4100	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	480	ug/Kg	J	1/22/2013
Fluoranthene	7900	ug/Kg		1/22/2013
Fluorene	970	ug/Kg		1/22/2013
Indeno (1,2,3-cd) pyrene	2300	ug/Kg		1/22/2013
Naphthalene	500	ug/Kg	J	1/22/2013
Phenanthrene	7800	ug/Kg		1/22/2013
Pyrene	6800	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67495.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 5

Lab Sample ID: 130287-05

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0092

mg/Kg

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, January 24, 2013



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 5

Lab Sample ID: 130287-05

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	1.0	mg/Kg	J	1/24/2013
Barium	330	mg/Kg		1/24/2013
Cadmium	< 0.55	mg/Kg		1/24/2013
Chromium	17	mg/Kg		1/24/2013
Lead (Axial)	4.1	mg/Kg		1/24/2013
Selenium	< 1.1	mg/Kg		1/24/2013
Silver	1.8	mg/Kg		1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

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Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 5

Lab Sample ID: 130287-05

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Acenaphthene	< 340	ug/Kg		1/22/2013
Acenaphthylene	< 340	ug/Kg		1/22/2013
Anthracene	< 340	ug/Kg		1/22/2013
Benzo (a) anthracene	360	ug/Kg		1/22/2013
Benzo (a) pyrene	330	ug/Kg	J	1/22/2013
Benzo (b) fluoranthene	330	ug/Kg	J	1/22/2013
Benzo (g,h,i) perylene	220	ug/Kg	J	1/22/2013
Benzo (k) fluoranthene	230	ug/Kg	J	1/22/2013
Chrysene	360	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		1/22/2013
Fluoranthene	940	ug/Kg		1/22/2013
Fluorene	< 340	ug/Kg		1/22/2013
Indeno (1,2,3-cd) pyrene	320	ug/Kg	J	1/22/2013
Naphthalene	< 340	ug/Kg		1/22/2013
Phenanthrene	710	ug/Kg		1/22/2013
Pyrene	780	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67474.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 6

Lab Sample ID: 130287-06

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Result

Units

Qualifier

Date Analyzed

Mercury

< 0.0085

mg/Kg

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 6

Lab Sample ID: 130287-06

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.6	mg/Kg		1/24/2013
Barium	73	mg/Kg		1/24/2013
Cadmium	0.38	mg/Kg	J	1/24/2013
Chromium	6.8	mg/Kg		1/24/2013
Lead (Axial)	60	mg/Kg		1/24/2013
Selenium	< 1.2	mg/Kg		1/24/2013
Silver	< 1.2	mg/Kg		1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 6

Lab Sample ID: 130287-06

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	450	ug/Kg		1/22/2013
Acenaphthylene	< 310	ug/Kg		1/22/2013
Anthracene	1100	ug/Kg		1/22/2013
Benzo (a) anthracene	1900	ug/Kg		1/22/2013
Benzo (a) pyrene	1600	ug/Kg		1/22/2013
Benzo (b) fluoranthene	1600	ug/Kg		1/22/2013
Benzo (g,h,i) perylene	1000	ug/Kg		1/22/2013
Benzo (k) fluoranthene	1200	ug/Kg		1/22/2013
Chrysene	1900	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	230	ug/Kg	J	1/22/2013
Fluoranthene	4300	ug/Kg		1/22/2013
Fluorene	520	ug/Kg		1/22/2013
Indeno (1,2,3-cd) pyrene	1400	ug/Kg		1/22/2013
Naphthalene	340	ug/Kg		1/22/2013
Phenanthrene	4100	ug/Kg		1/22/2013
Pyrene	3600	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67475.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 7

Lab Sample ID: 130287-07

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Mercury	< 0.0090	mg/Kg		1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 7

Lab Sample ID: 130287-07

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	2.3	mg/Kg		1/24/2013
Barium	16	mg/Kg		1/24/2013
Cadmium	< 0.58	mg/Kg		1/24/2013
Chromium	< 1.2	mg/Kg		1/24/2013
Lead (Axial)	23	mg/Kg		1/24/2013
Selenium	< 1.2	mg/Kg		1/24/2013
Silver	0.66	mg/Kg	J	1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 7

Lab Sample ID: 130287-07

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	170	ug/Kg	J	1/22/2013
Acenaphthylene	< 310	ug/Kg		1/22/2013
Anthracene	460	ug/Kg		1/22/2013
Benzo (a) anthracene	670	ug/Kg		1/22/2013
Benzo (a) pyrene	540	ug/Kg		1/22/2013
Benzo (b) fluoranthene	600	ug/Kg		1/22/2013
Benzo (g,h,i) perylene	350	ug/Kg		1/22/2013
Benzo (k) fluoranthene	350	ug/Kg		1/22/2013
Chrysene	730	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	< 310	ug/Kg		1/22/2013
Fluoranthene	1600	ug/Kg		1/22/2013
Fluorene	190	ug/Kg	J	1/22/2013
Indeno (1,2,3-cd) pyrene	450	ug/Kg		1/22/2013
Naphthalene	180	ug/Kg	J	1/22/2013
Phenanthrene	1500	ug/Kg		1/22/2013
Pyrene	1300	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67484.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: **EnSol, Inc.**

Project Reference: 125 Main St. Site

Sample Identifier: Post Ex - East Floor - 7

Lab Sample ID: 130287-07

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,2,4-Trimethylbenzene	< 3.0	ug/Kg		1/22/2013
1,3,5-Trimethylbenzene	< 3.0	ug/Kg		1/22/2013
Benzene	< 3.0	ug/Kg		1/22/2013
Ethylbenzene	< 3.0	ug/Kg		1/22/2013
Isopropylbenzene	< 3.0	ug/Kg		1/22/2013
m,p-Xylene	< 3.0	ug/Kg		1/22/2013
Methyl tert-butyl Ether	< 3.0	ug/Kg		1/22/2013
Naphthalene	< 7.4	ug/Kg		1/22/2013
n-Butylbenzene	< 3.0	ug/Kg		1/22/2013
n-Propylbenzene	< 3.0	ug/Kg		1/22/2013
o-Xylene	< 3.0	ug/Kg		1/22/2013
p-Isopropyltoluene	< 3.0	ug/Kg		1/22/2013
sec-Butylbenzene	< 3.0	ug/Kg		1/22/2013
tert-Butylbenzene	< 3.0	ug/Kg		1/22/2013
Toluene	2.1	ug/Kg	J	1/22/2013

Method Reference(s): EPA 8260B

EPA 5035A

Data File: X03098.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Blind Duplicate #1

Lab Sample ID: 130287-08

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Mercury

Analyte

Mercury

Result

< 0.0095

Units

mg/Kg

Qualifier

Date Analyzed

1/22/2013

Method Reference(s): EPA 7471B

Data File: hg012213a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Blind Duplicate #1

Lab Sample ID: 130287-08

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	17	mg/Kg		1/24/2013
Barium	670	mg/Kg		1/24/2013
Cadmium	2.5	mg/Kg		1/24/2013
Chromium	59	mg/Kg		1/24/2013
Lead (Axial)	1100	mg/Kg		1/24/2013
Selenium	< 1.2	mg/Kg		1/24/2013
Silver	1.0	mg/Kg	J	1/24/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 012413a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 130287

Client: EnSol, Inc.

Project Reference: 125 Main St. Site

Sample Identifier: Blind Duplicate #1

Lab Sample ID: 130287-08

Date Sampled: 1/18/2013

Matrix: Soil

Date Received: 1/21/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	250	ug/Kg	J	1/22/2013
Acenaphthylene	380	ug/Kg		1/22/2013
Anthracene	940	ug/Kg		1/22/2013
Benzo (a) anthracene	2800	ug/Kg		1/22/2013
Benzo (a) pyrene	2500	ug/Kg		1/22/2013
Benzo (b) fluoranthene	2300	ug/Kg		1/22/2013
Benzo (g,h,i) perylene	1700	ug/Kg		1/22/2013
Benzo (k) fluoranthene	1900	ug/Kg		1/22/2013
Chrysene	2900	ug/Kg		1/22/2013
Dibenz (a,h) anthracene	410	ug/Kg		1/22/2013
Fluoranthene	5300	ug/Kg		1/22/2013
Fluorene	330	ug/Kg	J	1/22/2013
Indeno (1,2,3-cd) pyrene	2200	ug/Kg		1/22/2013
Naphthalene	200	ug/Kg	J	1/22/2013
Phenanthrene	3600	ug/Kg		1/22/2013
Pyrene	4800	ug/Kg		1/22/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S67485.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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LAB PROJECT #:	CLIENT PROJECT #:
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130287	TURNAROUND TIME: (WORKING DAYS)
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QUOTE #:	1	2	3	5	
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REQUESTED ANALYSIS

Comments: _____

Received @ Lab Bv Date/Time 21
Elizabeth A Horck 1/18/13 1131

1001



Chain of Custody Supplement

Client: EnsolCompleted by: EAHLab Project ID: 130287Date: 1/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	☒	☒ 5035	☐
Comments			
Transferred to method-compliant container	☒ 5035	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☒ 5035	☐
Comments	ok per JH 1/21		
Temperature	☒	☐	☒ + Metals
Comments	1°Ciced @ 1009 1/21 from temp blk		
Sufficient Sample Quantity	☒	☐	☐
Comments			

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

REPORT TO:

INVOICE TO:

COMPANY: <u>ENVISOL, INC.</u>		COMPANY: <u>ENVISOL, INC.</u>		LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <u>6661 MAIN ST.</u>		ADDRESS: <u>6661 MAIN ST.</u>		<u>130888</u>	
CITY: <u>WILKES-BARE</u>	STATE: <u>NY</u>	CITY: <u>WILKES-BARE</u>	STATE: <u>NY</u>	TURNAROUND TIME: (WORKING DAYS)	
ZIP: <u>14301</u>		ZIP: <u>14301</u>			
PHONE: <u>(716) 285-3928</u>	FAX: <u>(716) 285-3928</u>	PHONE: <u>(716) 285-3928</u>	FAX: <u>(716) 285-3928</u>		
ATTN: <u>DAVID POPP</u>		ATTN: <u>DAVID POPP</u>			
PROJECT NAME/SITE NAME: <u>125 MAIN ST. SITE</u>				REQUESTED ANALYSIS: <u>TH101412</u>	
COMMENTS: <u>DP01P @ ENVISOLINC.COM</u>				☐ 1 ☒ 2 ☐ 3 ☐ 4 ☐ 5	

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	RCRA METALS	PAH'S	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/12/13	1119		X	POST-EX NORTH FLOOR - 8A	SEAL/FIN	1	X	X	CAT B & EDD	01
2	1130		X	POST-EX NORTH FLOOR - 6A		1	X	X		02
3	1103		X	POST-EX EAST FLOOR - 2A		1	X	X		03
4	1001		X	POST-EX NORTH FLOOR - 3A		1	X	X		04
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y ☐ N ☐
Comments:	
Preservation:	Y ☐ N ☐
Comments:	
Holding Time:	Y ☐ N ☐
Comments:	
Temperature:	Y ☐ N ☐
Comments:	

Received By: <u>DAVID S. POPP</u>	Date/Time: <u>3/12/13</u>	Total Cost:
Relinquished By: <u>DAVID S. POPP</u>	Date/Time: <u>3/12/13 13:04</u>	
Received By: <u>CHARLOTTE A. HONCH</u>	Date/Time: <u>3/13/13 12:51</u>	
Relinquished By: <u>CHARLOTTE A. HONCH</u>	Date/Time: <u>3/13/13 12:51</u>	P.I.F.

Covered sealed w/ tape. No custody seal. EPA 3/13.



Chain of Custody Supplement

Client: EnsolCompleted by: EAHLab Project ID: 130888Date: 3/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ Metals
Comments	<u>4°Ciced from temp blk @ 1238 3/13.</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-8

Lab Sample ID: 131792-01

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.00967

Units

mg/Kg

Qualifier

J

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-8

Lab Sample ID: 131792-01

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	3.01	mg/Kg		5/23/2013
Barium	19.2	mg/Kg		5/23/2013
Cadmium	0.277	mg/Kg	J	5/23/2013
Chromium	9.29	mg/Kg		5/23/2013
Lead (Axial)	7.34	mg/Kg		5/24/2013
Selenium	< 1.10	mg/Kg		5/23/2013
Silver	0.846	mg/Kg	J	5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-8

Lab Sample ID: 131792-01

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 317	ug/Kg		5/21/2013
Acenaphthylene	< 317	ug/Kg		5/21/2013
Anthracene	< 317	ug/Kg		5/21/2013
Benzo (a) anthracene	< 317	ug/Kg		5/21/2013
Benzo (a) pyrene	< 317	ug/Kg		5/21/2013
Benzo (b) fluoranthene	< 317	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	< 317	ug/Kg		5/21/2013
Benzo (k) fluoranthene	< 317	ug/Kg		5/21/2013
Chrysene	< 317	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 317	ug/Kg		5/21/2013
Fluoranthene	< 317	ug/Kg		5/21/2013
Fluorene	< 317	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	< 317	ug/Kg		5/21/2013
Naphthalene	< 317	ug/Kg		5/21/2013
Phenanthrene	< 317	ug/Kg		5/21/2013
Pyrene	< 317	ug/Kg		5/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69808.D

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-9

Lab Sample ID: 131792-02

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

1.21

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-9

Lab Sample ID: 131792-02

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.97	mg/Kg		5/23/2013
Barium	71.8	mg/Kg		5/23/2013
Cadmium	0.302	mg/Kg	J	5/23/2013
Chromium	9.54	mg/Kg		5/23/2013
Lead (Axial)	197	mg/Kg		5/23/2013
Selenium	0.548	mg/Kg	J	5/23/2013
Silver	0.972	mg/Kg	J	5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-9

Lab Sample ID: 131792-02

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 310	ug/Kg		5/21/2013
Acenaphthylene	< 310	ug/Kg		5/21/2013
Anthracene	< 310	ug/Kg		5/21/2013
Benzo (a) anthracene	306	ug/Kg	J	5/21/2013
Benzo (a) pyrene	247	ug/Kg	J	5/21/2013
Benzo (b) fluoranthene	233	ug/Kg	J	5/21/2013
Benzo (g,h,i) perylene	< 310	ug/Kg		5/21/2013
Benzo (k) fluoranthene	190	ug/Kg	J	5/21/2013
Chrysene	307	ug/Kg	J	5/21/2013
Dibenz (a,h) anthracene	< 310	ug/Kg		5/21/2013
Fluoranthene	589	ug/Kg		5/21/2013
Fluorene	< 310	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	426	ug/Kg		5/21/2013
Naphthalene	< 310	ug/Kg		5/21/2013
Phenanthrene	530	ug/Kg		5/21/2013
Pyrene	578	ug/Kg		5/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69823.D

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Report Prepared Friday, May 24, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-10

Lab Sample ID: 131792-03

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

< 0.0162

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-10

Lab Sample ID: 131792-03

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	0.551	mg/Kg	J	5/24/2013
Barium	208	mg/Kg		5/23/2013
Cadmium	< 0.510	mg/Kg		5/23/2013
Chromium	12.7	mg/Kg		5/23/2013
Lead (Axial)	7.98	mg/Kg		5/24/2013
Selenium	0.594	mg/Kg	J	5/23/2013
Silver	1.64	mg/Kg		5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052413b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-10

Lab Sample ID: 131792-03

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 317	ug/Kg		5/21/2013
Acenaphthylene	< 317	ug/Kg		5/21/2013
Anthracene	< 317	ug/Kg		5/21/2013
Benzo (a) anthracene	< 317	ug/Kg		5/21/2013
Benzo (a) pyrene	< 317	ug/Kg		5/21/2013
Benzo (b) fluoranthene	< 317	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	< 317	ug/Kg		5/21/2013
Benzo (k) fluoranthene	< 317	ug/Kg		5/21/2013
Chrysene	< 317	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 317	ug/Kg		5/21/2013
Fluoranthene	< 317	ug/Kg		5/21/2013
Fluorene	< 317	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	< 317	ug/Kg		5/21/2013
Naphthalene	< 317	ug/Kg		5/21/2013
Phenanthrene	< 317	ug/Kg		5/21/2013
Pyrene	< 317	ug/Kg		5/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69824.D

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-11

Lab Sample ID: 131792-04

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.297

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-11

Lab Sample ID: 131792-04

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	2.43	mg/Kg		5/23/2013
Barium	42.1	mg/Kg		5/23/2013
Cadmium	0.273	mg/Kg	J	5/23/2013
Chromium	10.3	mg/Kg		5/23/2013
Lead (Axial)	64.6	mg/Kg		5/23/2013
Selenium	0.582	mg/Kg	J	5/23/2013
Silver	1.14	mg/Kg		5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-11

Lab Sample ID: 131792-04

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 314	ug/Kg		5/21/2013
Acenaphthylene	< 314	ug/Kg		5/21/2013
Anthracene	246	ug/Kg	J	5/21/2013
Benzo (a) anthracene	777	ug/Kg		5/21/2013
Benzo (a) pyrene	710	ug/Kg		5/21/2013
Benzo (b) fluoranthene	1350	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	514	ug/Kg		5/21/2013
Benzo (k) fluoranthene	1240	ug/Kg		5/21/2013
Chrysene	927	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 314	ug/Kg		5/21/2013
Fluoranthene	2030	ug/Kg		5/21/2013
Fluorene	< 314	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	674	ug/Kg		5/21/2013
Naphthalene	< 314	ug/Kg		5/21/2013
Phenanthrene	1260	ug/Kg		5/21/2013
Pyrene	1810	ug/Kg		5/21/2013

Surrogate outlier indicates probable matrix effect

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69825.D

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Report Prepared Friday, May 24, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-12

Lab Sample ID: 131792-05

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.0749

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-12

Lab Sample ID: 131792-05

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	1.73	mg/Kg		5/23/2013
Barium	15.9	mg/Kg		5/23/2013
Cadmium	< 0.511	mg/Kg		5/23/2013
Chromium	3.59	mg/Kg		5/23/2013
Lead (Axial)	9.79	mg/Kg		5/24/2013
Selenium	< 1.02	mg/Kg		5/23/2013
Silver	< 1.02	mg/Kg		5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-12

Lab Sample ID: 131792-05

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 298	ug/Kg		5/21/2013
Acenaphthylene	< 298	ug/Kg		5/21/2013
Anthracene	< 298	ug/Kg		5/21/2013
Benzo (a) anthracene	< 298	ug/Kg		5/21/2013
Benzo (a) pyrene	< 298	ug/Kg		5/21/2013
Benzo (b) fluoranthene	< 298	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	< 298	ug/Kg		5/21/2013
Benzo (k) fluoranthene	< 298	ug/Kg		5/21/2013
Chrysene	< 298	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 298	ug/Kg		5/21/2013
Fluoranthene	< 298	ug/Kg		5/21/2013
Fluorene	< 298	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	< 298	ug/Kg		5/21/2013
Naphthalene	< 298	ug/Kg		5/21/2013
Phenanthrene	< 298	ug/Kg		5/21/2013
Pyrene	< 298	ug/Kg		5/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69812.D

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-13

Lab Sample ID: 131792-06

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.395

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-13

Lab Sample ID: 131792-06

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	5.26	mg/Kg		5/23/2013
Barium	74.5	mg/Kg		5/23/2013
Cadmium	0.426	mg/Kg	J	5/23/2013
Chromium	8.84	mg/Kg		5/23/2013
Lead (Axial)	282	mg/Kg		5/23/2013
Selenium	0.651	mg/Kg	J	5/23/2013
Silver	0.886	mg/Kg	J	5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-13

Lab Sample ID: 131792-06

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	163	ug/Kg	J	5/21/2013
Acenaphthylene	245	ug/Kg	J	5/21/2013
Anthracene	618	ug/Kg		5/21/2013
Benzo (a) anthracene	1800	ug/Kg		5/21/2013
Benzo (a) pyrene	1480	ug/Kg		5/21/2013
Benzo (b) fluoranthene	1290	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	743	ug/Kg		5/21/2013
Benzo (k) fluoranthene	1110	ug/Kg		5/21/2013
Chrysene	1800	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	218	ug/Kg	J	5/21/2013
Fluoranthene	3180	ug/Kg		5/21/2013
Fluorene	< 326	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	960	ug/Kg		5/21/2013
Naphthalene	< 326	ug/Kg		5/21/2013
Phenanthrene	2360	ug/Kg		5/21/2013
Pyrene	3100	ug/Kg		5/21/2013

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69813.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-14

Lab Sample ID: 131792-07

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

1.36

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-14

Lab Sample ID: 131792-07

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	13.3	mg/Kg		5/23/2013
Barium	80.7	mg/Kg		5/23/2013
Cadmium	0.376	mg/Kg	J	5/23/2013
Chromium	10.4	mg/Kg		5/23/2013
Lead (Axial)	185	mg/Kg		5/23/2013
Selenium	< 1.16	mg/Kg		5/24/2013
Silver	0.840	mg/Kg	J	5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-14

Lab Sample ID: 131792-07

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 333	ug/Kg		5/21/2013
Acenaphthylene	< 333	ug/Kg		5/21/2013
Anthracene	206	ug/Kg	J	5/21/2013
Benzo (a) anthracene	563	ug/Kg		5/21/2013
Benzo (a) pyrene	492	ug/Kg		5/21/2013
Benzo (b) fluoranthene	499	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	302	ug/Kg	J	5/21/2013
Benzo (k) fluoranthene	347	ug/Kg		5/21/2013
Chrysene	584	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 333	ug/Kg		5/21/2013
Fluoranthene	1070	ug/Kg		5/21/2013
Fluorene	< 333	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	552	ug/Kg		5/21/2013
Naphthalene	< 333	ug/Kg		5/21/2013
Phenanthrene	845	ug/Kg		5/21/2013
Pyrene	1020	ug/Kg		5/21/2013

Surrogate outlier indicates probable matrix effect

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69814.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, May 24, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-15

Lab Sample ID: 131792-08

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.327

Units

mg/Kg

Qualifier

D

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-15

Lab Sample ID: 131792-08

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	3.51	mg/Kg	D	5/23/2013
Barium	76.6	mg/Kg		5/23/2013
Cadmium	0.269	mg/Kg	J	5/23/2013
Chromium	8.69	mg/Kg	D	5/23/2013
Lead (Axial)	88.6	mg/Kg	D	5/23/2013
Selenium	< 1.03	mg/Kg		5/23/2013
Silver	1.15	mg/Kg		5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: **EnSol, Inc.**

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Floor-15

Lab Sample ID: 131792-08

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 317	ug/Kg		5/21/2013
Acenaphthylene	< 317	ug/Kg		5/21/2013
Anthracene	331	ug/Kg		5/21/2013
Benzo (a) anthracene	850	ug/Kg		5/21/2013
Benzo (a) pyrene	708	ug/Kg		5/21/2013
Benzo (b) fluoranthene	679	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	458	ug/Kg		5/21/2013
Benzo (k) fluoranthene	570	ug/Kg		5/21/2013
Chrysene	910	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 317	ug/Kg		5/21/2013
Fluoranthene	1770	ug/Kg		5/21/2013
Fluorene	< 317	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	706	ug/Kg		5/21/2013
Naphthalene	< 317	ug/Kg		5/21/2013
Phenanthrene	1340	ug/Kg		5/21/2013
Pyrene	1680	ug/Kg		5/21/2013

Surrogate outlier indicates probable matrix effect

Method Reference(s): EPA 8270C

EPA 3550C

Data File: S69815.D

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Report Prepared Friday, May 24, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Duplicate

Lab Sample ID: 131792-09

Matrix: Soil

Date Sampled: 5/16/2013

Date Received: 5/17/2013

Mercury

Analyte

Mercury

Result

0.250

Units

mg/Kg

Qualifier

Date Analyzed

5/23/2013

Method Reference(s):

EPA 7471B

Data File:

hg130523a

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Duplicate

Lab Sample ID: 131792-09

Date Sampled: 5/16/2013

Matrix: Soil

Date Received: 5/17/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.27	mg/Kg		5/23/2013
Barium	50.7	mg/Kg		5/23/2013
Cadmium	0.257	mg/Kg	J	5/23/2013
Chromium	10.5	mg/Kg		5/23/2013
Lead (Axial)	112	mg/Kg		5/23/2013
Selenium	< 1.02	mg/Kg		5/23/2013
Silver	1.11	mg/Kg		5/23/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	052313b			

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Report Prepared Friday, May 24, 2013



Lab Project ID: 131792

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Duplicate

Lab Sample ID: 131792-09

Matrix: Soil

Date Sampled: 5/16/2013

Date Received: 5/17/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 316	ug/Kg		5/21/2013
Acenaphthylene	< 316	ug/Kg		5/21/2013
Anthracene	240	ug/Kg	J	5/21/2013
Benzo (a) anthracene	688	ug/Kg		5/21/2013
Benzo (a) pyrene	637	ug/Kg		5/21/2013
Benzo (b) fluoranthene	678	ug/Kg		5/21/2013
Benzo (g,h,i) perylene	433	ug/Kg		5/21/2013
Benzo (k) fluoranthene	469	ug/Kg		5/21/2013
Chrysene	790	ug/Kg		5/21/2013
Dibenz (a,h) anthracene	< 316	ug/Kg		5/21/2013
Fluoranthene	1520	ug/Kg		5/21/2013
Fluorene	< 316	ug/Kg		5/21/2013
Indeno (1,2,3-cd) pyrene	635	ug/Kg		5/21/2013
Naphthalene	< 316	ug/Kg		5/21/2013
Phenanthrene	1020	ug/Kg		5/21/2013
Pyrene	1350	ug/Kg		5/21/2013

Surrogate outlier indicates probable matrix effect

Method Reference(s): EPA 8270C

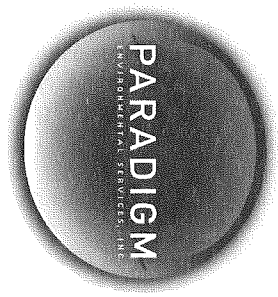
EPA 3550C

Data File: S69818.D

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Report Prepared Friday, May 24, 2013

3179



 PARADIGM ENVIRONMENTAL SERVICES, INC.		REPORT TO:		INVOICE TO:			
PROJECT REFERENCE 125 Main St. Buffalo NY	CLIENT:	EnSol	CLIENT:	LAB PROJECT ID 12-0069			
	ADDRESS:	661 Main St.	ADDRESS:				
	CITY:	Niagara Falls	CITY:			STATE:	ZIP:
	STATE:	NY	STATE:			ZIP:	
	ZIP:	14301	ZIP:				
PHONE:	716 885 3920	PHONE:	Email: JFoppo@EnSolInc.com				
ATTN:	Don Popp	ATTN:	Matrix Codes: AQ - Aqueous Liquid NA - Non-Aqueous Liquid WA - Water WG - Groundwater DW - Drinking Water WW - Wastewater SO - Soil SL - Sludge SD - Solid PT - Paint WP - Wipe CK - Caulk OL - Oil AR - Air				

[illegible]

Turnaround Time	Report Supplements	
Availability contingent upon lab approval; additional fees may apply.		
Standard 5 day	☒ Batch QC	Basic EDD ☐
Rush 3 day	☐ Category A	IN/SDEC EDD ☐
Rush 2 day	☐ Category B	
Rush 1 day	☐	
Other	☐ Other	Other EDD ☐
Please indicate: _____		Please indicate: _____

Sampled By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
Justin Darling	5/16/13	Justin Darling	5/16/13	Justin Darling	5/17/13
Sampled By	5/16/13	Relinquished By	5/16/13	Received By	5/17/13
	17:07		17:07		1444

60°Ciced @ 1245 5/17
From samples.
Cooler
Total Cost: \$12.00
Tad sealed with tape. No custody seals. EAHSA17

5-17-13
9AM

P.I.F.



Chain of Custody Supplement

282

Client: Ensol

Completed by: M. Mail

Lab Project ID: 131792

Date: 5/17/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	<u>6°C ice @ 1245 5/17 from samples</u> <u>cooler rec sealed w/tape. No custody seals EAM 5/17</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 1

Lab Sample ID: 130995-01

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

Mercury

Analyte

Mercury

Result

0.60

Units

mg/Kg

Qualifier

Date Analyzed

3/28/2013

Method Reference(s):

EPA 7471B

Data File:

hg130328b

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 1

Lab Sample ID: 130995-01

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	2.8	mg/Kg		3/27/2013
Barium	44	mg/Kg		3/27/2013
Cadmium	0.34	mg/Kg	J	3/28/2013
Chromium	8.2	mg/Kg		3/27/2013
Lead (Axial)	140	mg/Kg		3/27/2013
Selenium	< 1.0	mg/Kg		3/27/2013
Silver	0.67	mg/Kg	J	3/27/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	032713a			

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.
Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 1
Lab Sample ID: 130995-01
Matrix: Soil

Date Sampled: 3/21/2013
Date Received: 3/22/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 290	ug/Kg		3/26/2013
Acenaphthylene	< 290	ug/Kg		3/26/2013
Anthracene	< 290	ug/Kg		3/26/2013
Benzo (a) anthracene	< 290	ug/Kg		3/26/2013
Benzo (a) pyrene	< 290	ug/Kg		3/26/2013
Benzo (b) fluoranthene	< 290	ug/Kg		3/26/2013
Benzo (g,h,i) perylene	< 290	ug/Kg		3/26/2013
Benzo (k) fluoranthene	< 290	ug/Kg		3/26/2013
Chrysene	< 290	ug/Kg		3/26/2013
Dibenz (a,h) anthracene	< 290	ug/Kg		3/26/2013
Fluoranthene	< 290	ug/Kg		3/26/2013
Fluorene	< 290	ug/Kg		3/26/2013
Indeno (1,2,3-cd) pyrene	< 290	ug/Kg		3/26/2013
Naphthalene	< 290	ug/Kg		3/26/2013
Phenanthrene	< 290	ug/Kg		3/26/2013
Pyrene	< 290	ug/Kg		3/26/2013

Method Reference(s): EPA 8270C
EPA 3550C
Data File: S68653.D

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 2

Lab Sample ID: 130995-02

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

Mercury

Analyte

Mercury

Result

0.27

Units

mg/Kg

Qualifier

Date Analyzed

3/28/2013

Method Reference(s): EPA 7471B

Data File: hg130328b

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 2

Lab Sample ID: 130995-02

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	3.8	mg/Kg		3/27/2013
Barium	66	mg/Kg		3/27/2013
Cadmium	0.45	mg/Kg	J	3/28/2013
Chromium	15	mg/Kg		3/27/2013
Lead (Axial)	120	mg/Kg		3/27/2013
Selenium	< 1.1	mg/Kg		3/27/2013
Silver	1.1	mg/Kg		3/27/2013

Method Reference(s): EPA 6010B

EPA 3050

Data File: 032713a

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.
Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 2
Lab Sample ID: 130995-02
Matrix: Soil

Date Sampled: 3/21/2013
Date Received: 3/22/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	180	ug/Kg	J	3/27/2013
Acenaphthylene	< 320	ug/Kg		3/27/2013
Anthracene	410	ug/Kg		3/27/2013
Benzo (a) anthracene	1100	ug/Kg		3/27/2013
Benzo (a) pyrene	1100	ug/Kg		3/27/2013
Benzo (b) fluoranthene	1000	ug/Kg		3/27/2013
Benzo (g,h,i) perylene	740	ug/Kg		3/27/2013
Benzo (k) fluoranthene	880	ug/Kg		3/27/2013
Chrysene	1300	ug/Kg		3/27/2013
Dibenz (a,h) anthracene	< 320	ug/Kg		3/27/2013
Fluoranthene	2500	ug/Kg		3/27/2013
Fluorene	200	ug/Kg	J	3/27/2013
Indeno (1,2,3-cd) pyrene	830	ug/Kg		3/27/2013
Naphthalene	250	ug/Kg	J	3/27/2013
Phenanthrene	1700	ug/Kg		3/27/2013
Pyrene	2100	ug/Kg		3/27/2013

Method Reference(s): EPA 8270C
EPA 3550C
Data File: S68654A.D

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Report Prepared Friday, March 29, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 3

Lab Sample ID: 130995-03

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

Mercury

Analyte

Mercury

Result

0.39

Units

mg/Kg

Qualifier

Date Analyzed

3/28/2013

Method Reference(s): EPA 7471B

Data File: hg130328b

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 3

Lab Sample ID: 130995-03

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	23	mg/Kg		3/27/2013
Barium	120	mg/Kg		3/27/2013
Cadmium	0.59	mg/Kg	J	3/28/2013
Chromium	12	mg/Kg		3/27/2013
Lead (Axial)	200	mg/Kg		3/27/2013
Selenium	< 1.2	mg/Kg		3/27/2013
Silver	0.65	mg/Kg	J	3/27/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	032713a			

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.
Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 3
Lab Sample ID: 130995-03
Matrix: Soil

Date Sampled: 3/21/2013
Date Received: 3/22/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 340	ug/Kg		3/27/2013
Acenaphthylene	< 340	ug/Kg		3/27/2013
Anthracene	200	ug/Kg	J	3/27/2013
Benzo (a) anthracene	780	ug/Kg		3/27/2013
Benzo (a) pyrene	720	ug/Kg		3/27/2013
Benzo (b) fluoranthene	670	ug/Kg		3/27/2013
Benzo (g,h,i) perylene	460	ug/Kg		3/27/2013
Benzo (k) fluoranthene	590	ug/Kg		3/27/2013
Chrysene	840	ug/Kg		3/27/2013
Dibenz (a,h) anthracene	< 340	ug/Kg		3/27/2013
Fluoranthene	1600	ug/Kg		3/27/2013
Fluorene	< 340	ug/Kg		3/27/2013
Indeno (1,2,3-cd) pyrene	600	ug/Kg		3/27/2013
Naphthalene	< 340	ug/Kg		3/27/2013
Phenanthrene	850	ug/Kg		3/27/2013
Pyrene	1400	ug/Kg		3/27/2013

Method Reference(s): EPA 8270C
EPA 3550C
Data File: S68658.D

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Report Prepared Friday, March 29, 2013



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 4

Lab Sample ID: 130995-04

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

Mercury

Analyte

Mercury

Result

0.25

Units

mg/Kg

Qualifier

Date Analyzed

3/28/2013

Method Reference(s):

EPA 7471B

Data File:

hg130328b

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Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.

Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 4

Lab Sample ID: 130995-04

Date Sampled: 3/21/2013

Matrix: Soil

Date Received: 3/22/2013

RCRA Metals (ICP)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	4.4	mg/Kg		3/27/2013
Barium	33	mg/Kg		3/27/2013
Cadmium	0.36	mg/Kg	J	3/28/2013
Chromium	7.3	mg/Kg		3/27/2013
Lead (Axial)	54	mg/Kg		3/27/2013
Selenium	< 1.1	mg/Kg		3/27/2013
Silver	1.0	mg/Kg	J	3/27/2013
Method Reference(s):	EPA 6010B			
	EPA 3050			
Data File:	032713a			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 29, 2013



Lab Project ID: 130995

Client: EnSol, Inc.
Project Reference: 125 Main Street

Sample Identifier: Post Ex East Wall 4
Lab Sample ID: 130995-04
Matrix: Soil

Date Sampled: 3/21/2013
Date Received: 3/22/2013

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 310	ug/Kg		3/27/2013
Acenaphthylene	< 310	ug/Kg		3/27/2013
Anthracene	190	ug/Kg	J	3/27/2013
Benzo (a) anthracene	1100	ug/Kg		3/27/2013
Benzo (a) pyrene	910	ug/Kg		3/27/2013
Benzo (b) fluoranthene	820	ug/Kg		3/27/2013
Benzo (g,h,i) perylene	510	ug/Kg		3/27/2013
Benzo (k) fluoranthene	830	ug/Kg		3/27/2013
Chrysene	1000	ug/Kg		3/27/2013
Dibenz (a,h) anthracene	< 310	ug/Kg		3/27/2013
Fluoranthene	1600	ug/Kg		3/27/2013
Fluorene	< 310	ug/Kg		3/27/2013
Indeno (1,2,3-cd) pyrene	700	ug/Kg		3/27/2013
Naphthalene	< 310	ug/Kg		3/27/2013
Phenanthrene	430	ug/Kg		3/27/2013
Pyrene	1400	ug/Kg		3/27/2013

Method Reference(s): EPA 8270C
EPA 3550C
Data File: S68659.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, March 29, 2013

PARADIGM
ENVIRONMENTAL SERVICES, INC.

REQUESTED ANALYSIS

REMARKS	PARADIGM LAB SAMPLE NUMBER
RCRA Metals on each sample, as well as PAHs per JH as per JUSN. EAA 3122	

Sampled By	Date/Time
John C. Dinkley	3/21/13 15:18
Relinquished By	Date/Time
[Signature]	3/21/13 15:19
Received By	Date/Time
Christina A. Horne	3/22/13 1353

Received @ Lab By _____ Date/Time _____

Total Cost: EAH 3/22
 Cooler Recd w/ custody seal intact.
 EAH 3/22



Chain of Custody Supplement

Client: EnsolCompleted by: EAHLab Project ID: 130995Date: 3/22/13

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ -Metals
Comments	<u>10°Ciced from temp blk @ 1223 3/22.</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			

Appendix E

EnSol, Inc. *Environmental Solutions*

professional engineering – business consulting

IRM Data Usability Summary Reports (DUSR)

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

March 7, 2013

Michael Lesakowski
Benchmark Env. Engineers
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: **Data Usability Summary Report** for the Former Donovan, 125 Main Street Site
Alpha SDG Nos. L1210206, L1210540, L1210762, L1210832, L1211139, L1211581,
L1211689, and L1215819
TAL SDG No. 480-12953

Dear Mr. Lesakowski:

Review has been completed for the data packages noted above, generated by Test America Laboratories that pertain to samples collected between 11/17/11 and 09/05/12 at the 125 Main Street site. Eighteen soil samples, two soil field duplicates, nine aqueous samples, and an aqueous field duplicate were processed for TCL and STARS volatiles, TCL semivolatiles, TCL Pesticides, TCL PCBs, TCL herbicides, and TAL metals. Four soil samples were processed for TCL semivolatiles, TCL Pesticides, TCL PCBs, TCL herbicides, and TAL metals. Five soil samples were processed for TCL and STARS volatiles. Sixteen soil samples and a field duplicate were processed for PAHs and RCRA metals. The analytical methods utilized are those of the USEPA SW846 6000/7000/8000.

The data packages submitted contain full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, the specific laboratory methodologies, and professional judgment, as affects the usability of the data. The following items were reviewed:

- * Laboratory Narrative Discussion
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Matrix Spike Recoveries/Duplicate Correlations
- * Field Duplicate Correlations
- * Preparation/Calibration Blanks
- * Control Spike/Laboratory Control Samples
- * Instrumental Tunes
- * Calibration/Low Level Standards

- * ICP Serial Dilution
- * Instrument IDLs
- * Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, sample analyses were primarily conducted in compliance with the required analytical protocols. Most sample results are usable either as reported or with qualification. However, the following data are rejected. Re-sampling and reanalysis are not likely to result in improved data quality.

- o one volatile analyte in one sample is rejected due to an apparent matrix effect
- o results for 1,4-dioxane are rejected in all samples due to methodology
- o acid analytes (phenolics) results in five field samples and a field duplicate are rejected due to apparent matrix effects.

Other concerns are that all filtered metals results are qualified as estimated due to delayed filtration (and preservation), and no soil pesticide matrix spikes were processed. The following text discusses quality issues of concern.

Accuracy and precision for most analytes are acceptable (with the exception of those for pesticides in soil, which are not known). Data completeness goals are met, as all data except for those limited number of analytes noted above are usable.

Copies of the sample identification summaries and the laboratory case narratives are attached to this text, and should be reviewed in conjunction with this report. Also included with the report are client results tables annotated to reflect the qualifications recommended within this report, where possible.

Because the client tables report only analytes showing detection, not all qualifiers could be entered thereupon. Specifically, the rejected data points and some of the "UJ" qualifications noted below are not annotated. Additionally, elevated reporting limits for semivolatiles that are a result of dilution are not evident.

Data Package Completeness

Required laboratory flags such as the organic "B" flag (indicating presence in the associated method blank) and all metals flags (denoting outlying spike recoveries, duplicate correlations, and serial dilution values) were not applied to the sample report forms.

ICP serial dilution QC summary forms do not include all required elements.

The laboratory reported a more extensive volatile analyte list than that requested.

Errors were noted on some of the pesticide QC summary Forms 10.

Some of the laboratory case narratives were not complete as regards the discussion of outlying pesticide calibration standard responses and serial dilution evaluations.

Chains-of-Custody

The metals fraction of the aqueous samples were not filtered and preserved until laboratory receipt the following day. Therefore, all metals results in the aqueous samples have been qualified as estimated in value, with a possible low bias.

The final receipt date on the second page of the custodies for samples collected 06/13/12 should be 06/15/12, not 06/12/12.

Blind Duplicate Evaluations

The blind field duplicates were collected at SB-2(1-2), TP-1(15-17), MW-2R, and Post Excav 2. The correlations were within validation guidelines, with the exceptions of those for the following, results for which are qualified as estimated in the parent sample and its respective duplicate:

- selenium (57%RSD) in PostExcav 2
- semivolatile detected concentrations in Post Excav 2 are five to ten times higher in the parent sample than the duplicate
- arsenic, iron, lead, and zinc (61%RPD to 119%RPD) in SB-2(1-2)
- benzo(b)fluoranthene and methoxychlor ($>\pm 2$ XCRDL) in TP-1(15-17)
- aluminum, barium, iron, potassium, sodium, zinc (38%RPD to 146%RPD), and lead ($>\pm$ CRDL) in MW-2R (filtered)

The correlations for metals in the metals fraction of the aqueous sample MW-2R are worse than those typically seen in aqueous samples. All results for those metals have been qualified as estimated due to delayed preservation.

STARS and TCL Volatile Analyses by EPA 8260B

SB-1(1-2), SB-2(1-2), SB-3(1-2), and BLIND DUP (L1200206) show low recoveries for one surrogate standard. The samples were not reanalyzed. All results for those samples are qualified as estimated in value.

The result for o-xylene in TP-8(10-12) is qualified as tentative in identification and estimated in value due to poor spectral quality.

Matrix spikes of SB-1(1-2) show no recovery for 1,1,2,2-tetrachloroethane, and the result for that compound in the parent sample is to be rejected, and not usable.

Due to presence in the associated method blank, the following results are considered contamination, and edited to non-detection:

- carbon disulfide in samples reported in SDG L1210206
- methylene chloride in L1210762

The matrix spikes of the following samples show recoveries and duplicate correlations that are outside validation guidelines, with those results to be qualified as estimated in the indicated parent samples:

<u>Client ID</u>	<u>Compound</u>	<u>% Recoveries</u>	<u>QC Limits, %</u>
SB-1 (1-2)	trichloroethene	165 and 177	70-130
	acetone	149 and 154	54-140
	vinyl acetate	22 and 24	70-130
	n-butylbenzene	58 and 61	70-130
	1,2-dibromo-3-chloropropane	66 and 67	68-130
	hexachlorobutadiene	40 and 41	67-130
	p-isopropyltoluene	65 and 68	70-130
	1,2,3-trichlorobenzene	50 and 54	70-130
	1,2,4-trichlorobenzene	49 and 53	70-130
BCP-MW-01	trans-1,4-dichloro-2-butene	49 and 56	70-130

The matrix spikes of TP-3(15-17) show consistently outlying low recoveries. However, the recoveries of the surrogate standards that are deuterated analogs of target analytes are very good. For example, the recoveries of surrogate standard d8-toluene are 100% and 101%, while those of toluene are 54% and 56%; those for d4-1,4-dichloroethane are 101% and 100%, while those of 1,4-dichloroethane are 65% and 64%. The recoveries of the deuterated should be virtually the same as those of the non-deuterated compounds. The chromatograms do not show a matrix interference. It appears that a spiking anomaly existed, and no qualification is made.

Laboratory Control Samples (LCSs) show analyte recoveries within the laboratory acceptance ranges, with the exception of that for vinyl acetate (64%) in the LCS associated with the aqueous samples. The results for that compound in those associated samples are to be qualified as

Due to poor instrument response inherent with the methodology, the results for 1,4-dioxane in the samples are to be rejected, and are not usable.

Other calibration standards showed acceptable responses, with the following exceptions, results for which are to be qualified as estimated in the indicated samples:

- trans-1,4-dichloro-2-butene and 1,2-dibromo-3-chloropropane (21%D and 24%D) in BCP-MW-1 (12-14), BCP-MW-2 (5-7) and BCP-MW-3 (14-16)
- 2-hexanone, bromoform, and 4-methyl-2-pentanone (21%D) in BCP-MW-4 (8-10), BCP-MW-6 (6-8), BCP-MW-7 (8-10), MW-2(R) (14-16), BH-20(R) (17-20), BH-20(R) (13-17) and SB-7 (15-17)
- bromomethane, acrylonitrile, methyl tert butyl ether, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, bromoform, trans-1,4-dichloro-2-butene, 1,2,3-trichlorobenzene and vinyl acetate (21%D to 37%D) in BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND
- 4-ethyltoluene and 1,2,4,5-tetramethylbenzene (21%D and 22%D) in BCP-MW-5 (4-5')

TCL Semivolatiles and PAHs by EPA 8270C

Results for acidic compounds (phenols) are to be rejected and are not usable in BH-20(R)(13-17), MW-2(R)(2-4), SB-1(1-2), SB-2(1-2), SB-3(0-1), and BLIND DUP (L1210206) because those

samples show recoveries below 10% for one or more of the acid surrogate compounds. Samples with the “SB” prefix were re-extracted with consistent results, indicating a matrix effect.

BCP-MW-3(2-4) also produced very low recoveries for the acid surrogates, but was processed at fourfold dilution. Results for the acid surrogates are to be qualified as estimated in value in that sample.

The following detections are qualified as tentatively identified and estimated in value due to poor mass spectral quality:

- benzo(a)anthracene in BH 36 0-8
- acenaphthene in BH 34 4-8
- phenanthrene in SB-2(1-2) and TP-8(10-12)
- fluoranthene in SB-3(0-1)
- dibenzofuran in TP-2(4-6)
- benzoic acid in BCP-MW-05, BCP-MW-06, and MW-2R

The following detections are edited to non-detection due to very poor mass spectral quality:

- benzo(a)anthracene in BH 25 0-5
- fluoranthene in TP-8(10-12)

The matrix spikes of BCP-MW-01 show acceptable recoveries and duplicate correlations

The matrix spikes of SB-1(1-2) show recoveries below 10% for most of the acid phenolic analytes, consistent with the lack of recovery of the phenolic surrogate compounds in that parent sample. Results of the acid analytes in that parent sample have been rejected, as discussed above. Hexachlorocyclopentadiene produced low recoveries (17% and 14%) in those spikes, and the result for that compound in the parent sample has therefore been qualified as estimated.

The matrix spikes of TP-3(4-8) show several very poor recoveries, but those spikes (and the parent sample) were processed at tenfold dilution, and the accuracy/precision evaluations are not therefore applicable.

Although submitted, matrix spikes of Post Excav 1 were not processed.

Laboratory Control Samples (LCSs) show analyte recoveries within the laboratory acceptance ranges, with the exception of those for hexachlorocyclopentadiene (37% and 31%) in the LCS associated with BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND. Results for that compound are to be qualified as estimated in those samples.

Calibration standards showed acceptable responses, with the following exception, results for which are to be qualified as estimated in the indicated samples:

- hexachlorocyclopentadiene and hexachlorobenzene (22% and 29%D) in TP-1 (15-17)
- bis(2-chloroisopropyl)ether (32%D) in SB-3(0-1) and BLIND DUP (SDG L1210540)
- benzoic acid (21%D) in BCP-MW-7 (8-10), MW-2(R) (2-4) and BH-20(R) (17-20)
- hexachlorocyclopentadiene (23%D) in BH-20(R) (13-17)

- phenol and bis(2-chloroisopropyl)ether (22%D and 35%) in BCP-MW-01, BCP-MW-02, BCP-MW-03, BCP-MW-04, BCP-MW-05, BCP-MW-06, BCP-MW-07, MW-1, MW-2R and BLIND
- 4-nitrophenol and 2,4-dinitrophenol (low RRFs) in SS-1 and BCP-MW-05(4-5)

Some of the samples were analyzed at dilution due to either target or non-target analyte responses. Reporting limits for undetected analytes in those samples are elevated in proportion to the dilution factor.

TCL PCB, TCL Pesticide, and TCL Herbicide Analyses by EPA 8081A 8082, and 8151

Many of the pesticide detections have been qualified as estimated in value, tentative in identification and estimated in value, or edited to non-detection, due to elevated dual column quantitative correlations. The responses exhibiting elevated dual column correlations are often from matrix interferences in the samples.

The laboratory should have processed a continuing calibration standard of the Aroclor mixture 1254 when processing TP-4(3-7). Because they did not, the detected result for that mixture has been qualified as estimated in that sample.

Matrix spikes of Aroclors 1016 and 1260 and herbicides in SB-1 (1-2), TP-3 (4-8), and BCP-MW-01 show acceptable recoveries and duplicate correlations.

The pesticide matrix spikes of BCP-MW-01 show recoveries and duplicate correlations that are within validation guidelines. No soil matrix spike evaluations were performed. Therefore, the effect of the soil matrix on analyte recovery has not been ascertained.

TAL Metals Analyses by EPA 6010B, 6020, 7470, and 7471

The matrix spikes for TAL metals on the following samples show recoveries or correlations for the following elements that are outside the recommended limits, and results for the affected elements are qualified as estimated in the samples reported in the indicated associated SDGs:

<u>Parent Sample</u>	<u>Element</u>	<u>%Recoveries</u>	<u>%RPD</u>	<u>Associated Samples</u>
PostExcav 1	Barium	128 and 136		L1215819
SB-1(1-2)	Antimony	30 and 34		L1210206
	Barium	34 and 12		
	Beryllium	45 and 33		
	Chromium	57 and 35		
	Silver	148 and 129		
TP-3(4-8)	Antimony	53 and 53		L1210540, L1210762, L1211581, and L1211689
	Sodium	152 and 143		
	Zinc	182 and 164		
	Mercury		60	
BH 29 4-8	Selenium	60 and 63		J12953
BCP-MW-01	Antimony	61 and 71		L1211139

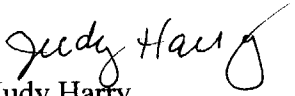
The ICP serial dilution correlations for the following elements are above the recommended limit, and detected results for the affected elements are qualified as estimated in the indicated associated samples (all within the given delivery groups):

<u>Parent Sample</u>	<u>Element</u>	<u>%Difference</u>	<u>Associated Samples</u>
SB-1 (1-2)	Beryllium	12	L1210206
	Chromium	14	
	Iron	13	
	Lead	17	
	Magnesium	11	
	Manganese	48	
BCP-MW-01	Copper	11	
PostExcav 1	Lead	11	L1215819
BH 29 4-8	Barium	18	J12953
	Chromium	28	
TP-3(4-8)	Manganese	11	L1210540, L1210762, L1211581, and L1211689
	Nickel	11	
	Beryllium	14	
	Chromium	107	
	Potassium	52	
	Sodium	88	

Antimony shows an elevated recovery (168%) in a low level calibration standard, and non-compliant low recoveries (79%) in ICP Interference Check Standards, associated with samples reported in SDG L1210540. It also shows a non-compliant low recovery in an ICP Interference Check Standard associated with samples reported in SDG L1210762. Results for that element in those samples have been qualified as estimated due to low matrix spike recoveries (noted above).

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,


Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ** The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

**CLIENT and LABORATORY SAMPLE IDs
and
LABORATORY CASE NARRATIVES**

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210206-01	SB-1 (1-2)	125 MAIN ST	06/06/12 12:00
L1210206-02	SB-2 (1-2)	125 MAIN ST	06/06/12 12:40
L1210206-03	SB-3 (0-1)	125 MAIN ST	06/06/12 13:00
L1210206-04	BLIND DUP	125 MAIN ST	06/06/12 08:00

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210540-01	TP-1 (15-17)	125 MAIN ST.	06/11/12 08:30
L1210540-02	TP-2 (4-6)	125 MAIN ST.	06/11/12 08:45
L1210540-03	TP-3 (15-17)	125 MAIN ST.	06/11/12 09:00
L1210540-04	TP-3 (4-8)	125 MAIN ST.	06/11/12 09:00
L1210540-05	TP-5 (15-17)	125 MAIN ST.	06/11/12 13:00
L1210540-06	TP-6 (3-5)	125 MAIN ST.	06/11/12 14:00
L1210540-07	BLIND DUP	125 MAIN ST.	06/11/12 08:00
L1210540-08	TP-8 (10-12)	125 MAIN ST.	06/11/12 11:30
L1210540-09	TP-4 (3-7)	125 MAIN ST.	06/12/12 09:20

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210762-01	BCP-MW-1 (4-6)	125 MAIN ST.	06/13/12 11:00
L1210762-02	BCP-MW-1 (12-14)	125 MAIN ST.	06/13/12 11:00
L1210762-03	BCP-MW-2 (5-7)	125 MAIN ST.	06/13/12 11:50
L1210762-04	BCP-MW-3 (2-4)	125 MAIN ST.	06/13/12 10:00
L1210762-05	BCP-MW-3 (14-16)	125 MAIN ST.	06/13/12 10:00
L1210762-06	BCP-MW-4 (8-10)	125 MAIN ST.	06/13/12 14:00
L1210762-07	BCP-MW-6 (6-8)	125 MAIN ST.	06/14/12 09:00
L1210762-08	BCP-MW-7 (8-10)	125 MAIN ST.	06/14/12 10:30
L1210762-09	MW-2(R) (2-4)	125 MAIN ST.	06/13/12 15:10
L1210762-10	MW-2(R) (14-16)	125 MAIN ST.	06/13/12 15:10
L1210762-11	BH-20(R) (17-20)	125 MAIN ST.	06/13/12 13:00
L1210762-12	BH-20(R) (13-17)	125 MAIN ST.	06/13/12 13:00
L1210762-13	SB-7 (15-17)	125 MAIN ST.	06/13/12 14:30

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210832-01	BH-20R(E) (17-19)	125 MAIN ST.	06/15/12 11:00

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211139-01	BCP-MW-01	125 MAIN ST.	06/20/12 09:10
L1211139-02	BCP-MW-02	125 MAIN ST.	06/20/12 10:05
L1211139-03	BCP-MW-03	125 MAIN ST.	06/20/12 10:41
L1211139-04	BCP-MW-04	125 MAIN ST.	06/20/12 14:40
L1211139-05	BCP-MW-05	125 MAIN ST.	06/20/12 13:40
L1211139-06	BCP-MW-06	125 MAIN ST.	06/20/12 12:57
L1211139-07	BCP-MW-07	125 MAIN ST.	06/20/12 11:20
L1211139-08	MW-1	125 MAIN ST.	06/20/12 14:12
L1211139-09	MW-2R	125 MAIN ST.	06/20/12 15:10
L1211139-10	BLIND	125 MAIN ST.	06/20/12 08:00

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211581-01	SS-1	125 MAIN ST.	06/27/12 10:30

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1211689-01	BCP-MW-5 (4-5')	125 MAIN ST.	06/29/12 10:00

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1215819-01	POST EXC 1	125 MAIN ST	09/05/12 08:45
L1215819-02	POST EXC 2	125 MAIN ST	09/05/12 09:15
L1215819-03	BLIND DUP	125 MAIN ST	09/05/12 12:00
L1215819-04	POST EXC 3	125 MAIN ST	09/05/12 10:00
L1215819-05	POST EXC 4	125 MAIN ST	09/05/12 10:15
L1215819-06	POST EXC 5	125 MAIN ST	09/05/12 10:40
L1215819-07	POST EXC 6	125 MAIN ST	09/05/12 11:04
L1215819-08	POST EXC 7	125 MAIN ST	09/05/12 11:22
L1215819-09	POST EXC 8	125 MAIN ST	09/05/12 11:50

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The surrogate recoveries for the following samples are below the acceptance criteria for Dibromofluoromethane, due to a known matrix effect caused by the high pH of the sample (>10).

L1210206-01: 60%

L1210206-02: 33%

L1210206-03: 45%

L1210206-04: 39%

The WG541268-4/-5 MS/MSD recoveries, performed on L1210206-01, are below the acceptance criteria for 1,1,2,2-Tetrachloroethane (0%/0%) due to the concentration of this compound falling below the reported detection limit.

The WG541268-4/-5 MS/MSD recoveries, performed on L1210206-01, were outside the acceptance criteria for Trichloroethene (165%/177%), 1,3-Dichlorobenzene (MS at 69%), 1,4-Dichlorobenzene (MS at 69%), Acetone (149%/154%), Vinyl acetate (22%/24%), n-Butylbenzene (58%/61%), sec-Butylbenzene (60%/64%), 1,2-Dibromo-3-chloropropane (66%/67%), Hexachlorobutadiene (40%/41%), p-Isopropyltoluene (65%/68%), 1,2,3-Trichlorobenzene (50%/54%), 1,2,4-Trichlorobenzene (49%/53%), and 1,2,4,5-Tetramethylbenzene (MS at 69%).

The surrogate recoveries for the WG541268-4/-5 MS/MSD, performed on L1210206-01, are below the acceptance criteria for Dibromofluoromethane (66%/65%), due to a known matrix effect caused by the high pH of the sample (>10).

Semivolatile Organics

The surrogate recovery for L1210206-02 was outside the acceptance criteria for 2-Fluorophenol (1%); however, re-extraction achieved similar results for 2-Fluorophenol (4%). The results of both extractions are reported.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

The WG541038-4/-5 MS/MSD recoveries, performed on L1210206-01, are outside the acceptance criteria for Hexachlorocyclopentadiene (17%/14%), 2,4,6-Trichlorophenol (MS at 2%), 2-Chlorophenol (MS at 22%), 2,4-Dichlorophenol (22%/24%), 2-Nitrophenol (11%/14%) and 2,4,5-Trichlorophenol (11%/13%); however, the associated LCS/LCSD recoveries are within criteria. No further action was required.

The WG541038-4/-5 MS/MSD recoveries, performed on L1210206-01, are below the acceptance criteria for 2,4,6-Trichlorophenol (MSD at 0%), 4-Nitrophenol (0%/0%), 2,4-Dinitrophenol (0%/0%), 4,6-Dinitro-o-cresol (0%/0%) and Pentachlorophenol (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

Pesticides

L1210206-01 through -04 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The dual column RPD for L1210206-01 is above the acceptance criteria for Beta-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210206-02 is above the acceptance criteria for trans-Chlordane; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210206-03 is above the acceptance criteria for Beta-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results (below reporting limit) is reported and qualified with a "P".

The WG541047-4/-5 MS/MSD, associated with L1210206-01 through -04, was not analyzed because the dilution required by the matrix of the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

Herbicides

The WG541030-4/-5 MS/MSD RPDs, performed on L1210206-01, are above the acceptance criteria for 2,4-D (44%), 2,4,5-T (40%), and 2,4,5-TP (Silvex) (34%).

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-300

Lab Number: L1210206
Report Date: 06/13/12

Case Narrative (continued)

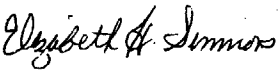
Metals

The WG541260-3/-4 MS/MSD recoveries for Aluminum (0%/0%), Calcium (0%/0%), Iron (0%/0%), Magnesium (0%/0%), Manganese (0%/0%), and Potassium (0%/0%), performed on L1210206-01, do not apply because the sample concentration is greater than four times the spike amount added.

The WG541260-3/-4 MS/MSD recoveries, performed on L1210206-01, are outside the acceptance criteria for Antimony (30%/34%), Barium (12%/34%), Beryllium (33%/45%), Chromium (35%/57%) and Silver (129%/148%). A post digestion spike was performed with acceptable recoveries for Antimony (86%), Barium (84%), Beryllium (79%), Chromium (79%), and Silver (80%).

The WG541260-3 MS recovery, performed on L1210206-01, is below the acceptance criteria for Sodium (47%). A post digestion spike was performed with an unacceptable recovery of 135%. This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/13/12

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG542674-4/-5 MS/MSD recoveries, performed on L1210540-03, were below the acceptance criteria for Methylene chloride (67%/67%), Chloroform (68%/69%), Carbon tetrachloride (64%/63%), 1,2-Dichloropropane (66%/65%), Dibromochloromethane (55%/52%), 1,1,2-Trichloroethane (64%/61%), Tetrachloroethene (53%/49%), Chlorobenzene (47%/42%), 1,2-Dichloroethane (65%/64%), Bromodichloromethane (63%/61%), trans-1,3-Dichloropropene (46%/40%), cis-1,3-Dichloropropene (52%/47%), 1,1-Dichloropropene (55%/53%), Bromoform (50%/46%), 1,1,2,2-Tetrachloroethane (55%/52%), Benzene (63%/63%), Toluene (56%/54%), Ethylbenzene (53%/49%), Vinyl chloride (MS at 66%), 1,1-Dichloroethene (63%/62%), trans-1,2-Dichloroethene (55%/55%), Trichloroethene (58%/56%), 1,2-Dichlorobenzene (37%/28%), 1,3-Dichlorobenzene (35%/27%), 1,4-Dichlorobenzene (33%/24%), p/m-Xylene (51%/47%), o-Xylene (54%/50%), cis-1,2-Dichloroethene (58%/56%), Dibromomethane (57%/54%), Styrene (43%/36%), Carbon disulfide (52%/51%), Vinyl acetate (20%/18%), 4-Methyl-2-pentanone (66%/66%), 1,2,3-Trichloropropane (59%/56%), 2-Hexanone (60%/59%), Bromochloromethane (63%/62%), 2,2-Dichloropropane (MSD at 69%), 1,2-Dibromoethane (53%/48%), 1,3-Dichloropropane (60%/56%), 1,1,1,2-Tetrachloroethane (61%/58%), Bromobenzene (42%/35%), n-Butylbenzene (35%/29%), sec-Butylbenzene (46%/41%), tert-Butylbenzene (54%/50%), o-Chlorotoluene (47%/41%), p-Chlorotoluene (40%/32%), 1,2-Dibromo-3-chloropropane (61%/46%), Hexachlorobutadiene (34%/29%), Isopropylbenzene (54%/50%), p-Isopropyltoluene (45%/40%), Acrylonitrile (60%/60%), n-Propylbenzene (46%/41%), 1,3,5-Trimethylbenzene (51%/46%), 1,2,3-Trichlorobenzene (23%/16%), 1,2,4-Trichlorobenzene (22%/15%), 1,2,4-Trimethylbenzene (47%/42%), 1,4-Diethylbenzene (40%/33%), 4-Ethyltoluene (46%/41%), 1,2,4,5-Tetramethylbenzene (40%/34%), and trans-1,4-Dichloro-2-butene (41%/34%); however, the associated LCS/LCSD recoveries were within criteria. The WG542674-4/-5 MS/MSD RPDs, performed on L1210540-03, are above the acceptance criteria for 1,2,3-Trichlorobenzene (40%) and 1,2,4-Trichlorobenzene (40%).

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

Semivolatile Organics

L1210540-01, -02, -04, -05, -07, and -09 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The WG542357-4/-5 MS/MSD recoveries, performed on L1210540-04, are outside the acceptance criteria for Acenaphthene (MS at 150%), 3,3'-Dichlorobenzidine (MSD at 32%), Fluoranthene (1100%/290%), Naphthalene (190%/170%), Benzo(a)anthracene (590%/180%), Benzo(a)pyrene (MS at 440%), Benzo(b)fluoranthene (350%/170%), Benzo(k)fluoranthene (MS at 390%), Chrysene (590%/180%), Acenaphthylene (230%/160%), Anthracene (320%/190%), Benzo(ghi)perylene (MS at 190%), Fluorene (MS at 170%), Phenanthrene (770%/290%), Indeno(1,2,3-cd)pyrene (MS at 210%), Pyrene (880%/180%), Dibenzofuran (250%/250%), 2-Methylnaphthalene (170%/170%), and Carbazole (240%/220%); however, the associated LCS/LCSD recoveries are within criteria. No further action was required.

The WG542357-4/-5 MS/MSD recoveries, performed on L1210540-04, are below the acceptance criteria for Hexachlorocyclopentadiene (0%/0%), 4-Chloroaniline (MSD at 0%), 4-Nitroaniline (0%/0%), 2-Nitrophenol (0%/0%), 4-Nitrophenol (0%/0%), 2,4-Dinitrophenol (0%/0%), and 4,6-Dinitro-o-cresol (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

PCBs

L1210540-05 has elevated detection limits due to the dilution required by the presence of non-target analytes.

Pesticides

L1210540-01, -02, -04, -05, -07, and -09 have elevated detection limits due to the dilutions required by the presence of non-target analytes.

The surrogate recoveries for L1210540-02 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The dual column RPDs for L1210540-04 are above the acceptance criteria for 4,4'-DDT and Endosulfan II; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

The dual column RPDs for L1210540-06 are above the acceptance criteria for Lindane and Alpha-BHC; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1210540-07 is above the acceptance criteria for 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The WG542170-4/-5 MS/MSD, associated performed on L1210540-04, were not analyzed because the dilution required by matrix of the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

Herbicides

L1210540-08 has elevated detection limits due to the dilution required by the presence of non-target analytes.

Metals

L1210540-01, -02, and -04 through -09 have elevated detection limits for all analytes, with the exception of Mercury, due to the dilutions required by the sample matrix.

The WG542220-4/-5 MS/MSD recoveries for Mercury (470%/184%), performed on L1210540-04, do not apply because the sample concentration is greater than four times the spike amount added.

The WG542918-3/-4 MS/MSD recoveries for Aluminum (759%/973%), Calcium (0%/0%), Copper (MS at 162%), Iron (20200%/13300%), Lead (278%/361%) and Magnesium (0%/0%), performed on L1210540-04, do not apply because the sample concentration is greater than four times the spike amount added.

The WG542918-3/-4 MS/MSD recoveries, performed on L1210540-04, are outside the acceptance criteria for Antimony (53%/53%), Arsenic (MS at 126%), Chromium (MS at 128%) and Sodium (152%/143%). A post digestion spike was performed with acceptable recoveries for Antimony (90%), Arsenic (87%), Chromium (83%) and Sodium (105%).

The WG542918-3/-4 MS/MSD recoveries, performed on L1210540-04, are above the acceptance criteria for Manganese (MS at 162%) and Zinc (182%/164%). A post digestion spike was performed with unacceptable recoveries for Manganese (50%) and Zinc (40%). This has been attributed to sample matrix.

Project Name: 125 MAIN ST.
Project Number: 0105-012-003

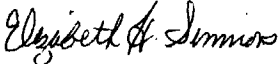
Lab Number: L1210540
Report Date: 06/20/12

Case Narrative (continued)

The WG542918-3/-4 MS/MSD RPD, performed on L1210540-04, is above the acceptance criteria for Calcium (38%).

The WG542220-3 Laboratory Duplicate RPD, performed on L1210540-04, is outside the acceptance criteria for Mercury (60%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the Laboratory Duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/20/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

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In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210762
Report Date: 06/22/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1210762-01, -03, -04, -06, -07, and -13 have elevated detection limits due to the dilutions required by the matrix interferences encountered during the concentration of the samples and the analytical dilutions required by the sample matrix.

Pesticides

L1210762-04, -06, -07, and -13 have elevated detection limits due to the dilutions required by the sample matrix.

The surrogate recoveries for L1210762-07 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

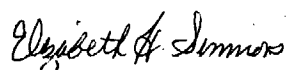
The dual column RPD for L1210762-09 is above the acceptance criteria for Alpha-BHC, trans-Chlordane; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Metals

L1210762-01, -03, -04, -06, -07, -08, -09, -11, -12, and -13 have elevated detection limits for all analytes, with the exception of Mercury, due to the dilutions required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/22/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

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In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1210832
Report Date: 06/25/12

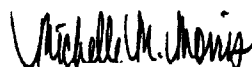
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 06/25/12

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

All samples were received without the appropriate containers for Dissolved Metals analysis. Aliquots were taken from unpreserved containers and preserved appropriately.

The samples were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were received beyond the recommended 24 hour holding time required for filtration. The samples were filtered and preserved appropriately.

Volatile Organics

The WG545422-4/-5 MS/MSD recoveries, performed on L1211139-01, were below the acceptance criteria for Vinyl acetate (MSD at 62%) and trans-1,4-Dichloro-2-butene (56%/49%).

Semivolatile Organics-SIM

L1211139-08 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

The dual column RPD for L1211139-02 is above the acceptance criteria for Heptachlor epoxide; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-04 is above the acceptance criteria for Heptachlor epoxide and Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPDs for L1211139-05 and -06 are above the acceptance criteria for Heptachlor epoxide, Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results are reported and qualified with a "P".

Project Name: 125 MAIN ST SITE
Project Number: 0105-012-003

Lab Number: L1211139
Report Date: 06/29/12

Case Narrative (continued)

The dual column RPD for L1211139-07 is above the acceptance criteria for Endrin and 4,4'-DDE; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

The dual column RPD for L1211139-09 is above the acceptance criteria for Endrin; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

Metals

L1211139-03 through -10 have elevated detection limits for all analytes, with the exception of Mercury due to the dilutions required by interferences caused by the high concentration of salts in the samples.

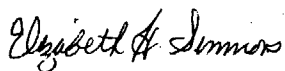
The WG544712-3 MS recovery, performed on L1211139-01, is above the acceptance criteria for Mercury (135%). A post digestion spike was performed with an acceptable recovery of 116%.

The WG544897-3/-4 MS/MSD recoveries, performed on L1211139-01, are below the acceptance criteria for Antimony (61%/71%) and Iron (70%/37%). A post digestion spike was performed with acceptable recoveries for Antimony (105%) and Iron (108%).

The WG544897-3/-4 MS/MSD recoveries for Sodium (210%/190%) performed on L1211139-01, do not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Elizabeth Simmons

Title: Technical Director/Representative

Date: 06/29/12

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEX data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211581
Report Date: 07/06/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Organochlorine Pesticides

L1211581-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1211581-01 has elevated detection limits for all analytes, with the exception of Mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 07/06/12

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 125 MAIN ST. SITE
Project Number: 0105-012-003

Lab Number: L1211689
Report Date: 07/09/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

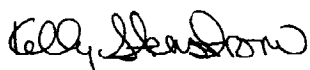
L1211689-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

The WG547023-1 Method Blank, associated with L1211689-01, has a concentration above the reporting limit for Manganese. Since the associated sample concentration is greater than 10x the blank concentration, no qualification of the results was performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/09/12

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DONAVAN BLDG
Project Number: 0105-012-001

Lab Number: L1215819
Report Date: 09/12/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1215819-01, -03, -05, and -09 have elevated detection limits due to the dilution required by the sample matrices.

L1215819-02, -04, -06, and -07 have elevated detection limits due to the dilutions required by the matrix interferences encountered during the concentration of the samples and the analytical dilutions required by the sample matrices.

The surrogate recoveries for L1215819-02 and -06 are below the acceptance criteria for Nitrobenzene-d5, 2-Fluorobiphenyl, and 4-Terphenyl-d14 (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

Metals

The WG559754-3/-4 MS/MSD recoveries, performed on L1215819-01, are outside the acceptance criteria for Barium (128%/136%) and Lead (MSD at 64%). A post digestion spike was performed with acceptable recoveries for Barium (113%) and Lead (79%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cynthia McQueen

Title: Technical Director/Representative

Date: 09/12/12

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#0210-01
March 11, 2013
Sampling date: 1/14/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 0210-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #130210, Paradigm Environmental Services, Inc. SDG#0210-01 submitted to Vali-Data of WNY, LLC on February 25, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8270C (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met except the temperature of the cooler was 1°C. The cooler was above freezing, so no further action is required.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Nitrobenzene-d5 was outside laboratory QC limits, low, in Post Ex-North Wall-4. The %Rec all the surrogates was outside laboratory QC limits, low, in Post Ex-North Wall-1. The %Rec was within ASP QC limits, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met except Benzo (k) fluoranthene was detected above the MDL, below the reporting limit and should be qualified as estimated in Post Ex-North Wall-1. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to two target analytes to fall outside QC limits without further action.

Quadratic regression was performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the continuing calibration file #S67410. ASP allows for up to two target analytes to fall outside QC limits without further action.

Quadratic regression was performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS, Duplicate and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met. (See SVOC, above)

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

All criteria were met except the %Rec of Hg was outside QC limits; low, in Post Ex-North Wall-6MS. The %Rec was less than 30% and Hg was detected in Post Ex-North Wall-6, so it should be qualified as estimated in Post Ex-North Wall-6.

DUPLICATE

All criteria were met except the %D of Ba and Hg were outside QC limits in Post Ex-North Wall-6duplicate. These target analytes should be qualified as estimated in Post Ex-North Wall-6.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met except Cd was detected above the MDL, below the reporting limit and should be qualified as estimated in Post Ex-North Wall-1. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

CALIBRATION

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#0222-01
March 12, 2013
Sampling date: 1/15/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 0222-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #130222, Paradigm Environmental Services, Inc. (Paradigm) SDG#0222-01 submitted to Vali-Data of WNY, LLC on February 25, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8270C (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met except the temperature of the cooler was 1°C. The cooler was above freezing, so no further action is required.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Nitrobenzene-d5 was outside laboratory QC limits, low, in Post Ex-North Floor-2 and Post Ex-North Floor-3. The %Rec all the surrogates was outside laboratory QC limits, low, in Post Ex-North Floor-6 and Post Ex-North Floor-11. The %Rec of Terphenyl-d₁₄ was outside laboratory QC limits, low, in Post Ex-North Floor-2. The %Rec was within ASP QC limits, so no further action is required. The %Rec of all surrogates were outside QC limits due to dilution in Post Ex-North Floor-8.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Pyrene was 0% in the MS and MSD. The sample concentration was 5 times the spike concentration, so no further action is required. The %Rec of Acenaphthene was outside laboratory QC limits, low, but within ASP limits, in the MS and MSD. The RPD of Acenaphthene was outside ASP QC limits and should be qualified as estimated in Post Ex-North Floor-8.

COMPOUND QUANTITATION

All criteria were met except Benzo (k) fluoranthene was detected above the MDL, below the reporting limit and should be qualified as estimated in Post Ex-North Floor-1 and Post Ex-North Floor-4. Dibenzo (a,h) anthracene was detected above the MDL, below the reporting limit and should be qualified as estimated in Post Ex-North Floor-6 and Post Ex-North Floor-9. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to four target analytes to fall outside QC limits without

further action.

Quadratic regression was performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the continuing calibration file #S67410. ASP allows for up to four target analytes to fall outside QC limits without further action.

Quadratic regression was performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met. (See SVOC, above)

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met except Ag was detected above the MDL, below the reporting limit and should be recorded as estimated in Blk 1/17s. If Ag is detected above the MDL, but below the reporting limit in the samples then it should be recorded as undetected at the reporting limit. If Ag is detected in the samples above the reporting limit it should be qualified as estimated. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

No MS was performed.

DUPLICATE

No duplicate was performed.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met except Ag was detected above the MDL, below the reporting limit in Post Ex-North Floor-1, Post Ex-North Floor-4, Post Ex-North Floor-7, Post Ex-North Floor-10 and Post Ex-North Floor-13. Due to Ag being detected in Blk 1/17s, Ag should be recorded as not detected at the reporting limit in the samples above. Se was detected above the MDL, below the reporting limit and should be recorded as estimated in Post Ex-North Floor-5 and Post Ex-North Floor-6. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

The concentrations reported for sample Post Ex-North Floor-1 were recalculated due to a %moisture error. An updated page is attached.

CALIBRATION

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#0287-01
March 13, 2013
Sampling date: 1/18/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 0287-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #130287, Paradigm Environmental Services, Inc. (Paradigm) SDG#0287-01 submitted to Vali-Data of WNY, LLC on February 25, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8260 (Volatile Organics), 8270C (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met except the temperature of the cooler was 1°C. The cooler was above freezing, so no further action is required.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met except 1,2,4-Trimethylbenzene, Naphthalene and m&p-Xylene were detected above the MDL, below the reporting limit and should be qualified as estimated in Blk 1/22. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired for this analysis.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed for this analysis.

COMPOUND QUANTITATION

All criteria were met except Benzene, m&p-Xylene and o-Xylene were detected above the MDL, below the reporting limit and should be qualified as estimated in Post Ex-East Floor-7. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

INITIAL CALIBRATION

All criteria were met except alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met. (See VOC, above)

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all surrogates were outside QC limits due to dilution in Post Ex-East Floor-2. No further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Pyrene was outside laboratory and ASP QC limits, high, in Post Ex-East Floor-1MS/MSD. Pyrene should be qualified as estimated high in Post Ex-East Floor-1.

The %Rec of Acenaphthene was outside laboratory QC limits, low, but within ASP limits, in Post Ex-East Floor-1MSD. No further action is required.

Naphthalene was detected in Post Ex-East Floor-1MS/MSD above the reporting limit but was not detected in Post Ex-East Floor-1.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to two target analytes to fall outside QC limits without further action.

Quadratic regression was performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except alternate forms of regression were performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank

- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS, Duplicate and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except the raw data for Post Ex-East Floor-6 and Post Ex-East Floor-7 were not in the original package. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met. (See VOC, above)

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

All criteria were met except the %Rec of Ba, Pb and Hg were outside QC limits in Post Ex-East Floor-1MS. Ba and Pb should be qualified as estimated low in Post Ex-East Floor-1. Hg should be qualified as unusable in Post Ex-East Floor-1 because it's %Rec was below 30% and it was undetected in the sample.

The spike for Hg did not recover due to possible matrix interference. The original package incorrectly reported a value for Hg in Post Ex-East Floor-1MS. An updated page is attached.

DUPLICATE

All criteria were met except the %D of As, Ba, Cd, Cr and Pb were outside QC limits in Post Ex-East Floor-1D. As, Cd, Cr and Pb should be qualified as estimated in Post Ex-East Floor-1. The original package incorrectly reported a value for Hg in Post Ex-East Floor-1D. The correct concentration should be <.0095

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met except Ag was detected above the MDL, below the reporting limit in Post Ex-East Floor-6. Se was detected above the MDL, below the reporting limit and should be recorded as estimated in Post Ex-East Floor-8. Paradigm does not record concentrations between the MDL and ½ the reporting limit.

CALIBRATION

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#1792-01
June 27, 2013
Sampling date: 5/16/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 1792-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #131792, Paradigm Environmental Services, Inc. (Paradigm) SDG#1792-01 submitted to Vali-Data of WNY, LLC on June 25, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8270 (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except some recoveries were outside laboratory QC limits but were within ASP QC limits, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to two target analytes to fall outside QC limits without further action.

Alternate forms of regression were performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in all of the continuing calibrations. ASP allows for up to two target analytes to fall outside QC limits without further action. Alternate forms of regression were performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Duplicate and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except the analysis run log for Hg on 5/24/13 should have noted a 10x dilution factor for Post Ex East Floor-9. This does not affect the usability of the data and the result was recorded correctly on the Form 1.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

All criteria were met.

DUPLICATE

All criteria were met except the %D of As, Cr, Pb and Hg were outside QC limits between Post Ex East Floor-15 and Post Ex East Floor-15dup and should be qualified as estimated in Post Ex East Floor-15. Cadmium was detected in Post Ex East Floor-15dup but not in Post Ex East Floor-15.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met except Ag and Cd in Post Ex East Floor-12 and Cd in Post Ex East Floor-10 were detected above the MDL, below the reporting limit, but were recorded as 'undetected'. Paradigm Environmental Services have reviewed the data and do not believe these analytes to be present due to the concentrations being less than ½ the reporting limit.

CALIBRATION

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#0888-01
May 29, 2013
Sampling date: 3/12/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 0888-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #130888, Paradigm Environmental Services, Inc. (Paradigm) SDG#0888-01 submitted to Vali-Data of WNY, LLC on May 3, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8270 (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

125 Main St.
SDG# 0888-01

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate sample was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to two target analytes to fall outside QC limits without further action.

Alternate forms of regression were performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in all of the continuing calibrations. ASP allows for up to two target analytes to fall outside QC limits without further action. Alternate forms of regression were performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Duplicate and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

All criteria were met.

DUPLICATE

All criteria were met except the %D of Se was outside QC limits between Post-Ex North floor-8A and Post-Ex North floor-8Adup and should be qualified as estimated in Post-Ex North floor-8A.

FIELD DUPLICATE

No field duplicate sample was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met except Ag and Cd were detected above the MDL, below the reporting limit in Post-Ex North Floor-3A but were recorded as 'undetected'. Paradigm Environmental Services have reviewed the data and do not believe these analytes to be present due to the concentrations being less than ½ the reporting limit.

CALIBRATION

All criteria were met.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
Paradigm Environmental Services, Inc. SDG#0995-01
May 29, 2013
Sampling date: 3/21/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

125 Main St.
SDG# 0995-01

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Ensol, Inc., project located at 125 Main St., lab project #130995, Paradigm Environmental Services, Inc. (Paradigm) SDG#0995-01 submitted to Vali-Data of WNY, LLC on April 28, 2013. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA methods; 8270 (Semi-Volatile Organics), 6010B (Inorganics) and 7471B (Mercury).

SEMI-VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate sample was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in the initial calibration. ASP allows for up to two target analytes to fall outside QC limits without further action.

Alternate forms of regression were performed on all target analytes whose %RSD >15%.

CONTINUING CALIBRATION

All criteria were met except RRF of Indeno (1,2,3-cd) pyrene was outside QC limits in all of the continuing calibrations. ASP allows for up to two target analytes to fall outside QC limits without further action. Alternate forms of regression were performed on all target analytes whose %RSD >15%.

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Sample
- MS
- Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS

No MS/MSD was performed on these samples, except for the analysis of Hg. The %Rec of Hg in

Post-Ex East Wall 4MS was outside QC limits high and should be qualified as estimated in Post-Ex East Wall 4.

DUPLICATE

No duplicate was performed on these samples.

FIELD DUPLICATE

No field duplicate sample was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.