ANALYTICAL REPORT

Lab Number:	L1109383
Client:	Haley & Aldrich, Inc. 100 Corporate Place Suite 105 Rocky Hill, CT 06067-1803
ATTN:	Deborah Motycka Downie
Phone:	(860) 282-9400
Project Name:	23 BARRY PLACE
Project Number:	35034-103
Report Date:	07/14/11

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Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

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Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1109383-01	918-S6	Not Specified	06/23/11 16:12
L1109383-02	918-S7	Not Specified	06/24/11 09:30
L1109383-03	919-S1	Not Specified	06/24/11 09:35
L1109383-04	919-S2	Not Specified	06/24/11 09:40
L1109383-05	919-S3	Not Specified	06/24/11 09:43
L1109383-06	919-S4	Not Specified	06/24/11 09:46
L1109383-07	919-S5	Not Specified	06/24/11 09:49
L1109383-08	919-S6	Not Specified	06/24/11 09:54
L1109383-09	HA-AOC6-303S1	Not Specified	06/24/11 09:57
L1109383-10	HA-AOC6-303S2	Not Specified	06/24/11 10:00

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	YES
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: 23 BARRY PLACE **Lab Number:** L1109383
Project Number: 35034-103 **Report Date:** 07/14/11

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. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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.

For additional information, please contact Client Services at 800-624-9220.

RCP Related Narratives

PCBs

L1109383-05 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

In reference to question 4:

The dual column RPD for L1109383-03 is above the acceptance criteria for Aroclor 1260; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".

In reference to question 5b:

L1109383-05: One or more of the target analytes did not achieve the requested regulatory limits.

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: 07/14/11

ORGANICS

PCBS

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-01	Date Collected:	06/23/11 16:12
Client ID:	918-S6	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/29/11 20:18
Analytical Date:	07/04/11 05:14	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/02/11
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/02/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	25.0	--	1
Aroclor 1221	ND		ug/kg	25.0	--	1
Aroclor 1232	ND		ug/kg	25.0	--	1
Aroclor 1242	ND		ug/kg	25.0	--	1
Aroclor 1248	ND		ug/kg	16.7	--	1
Aroclor 1254	ND		ug/kg	25.0	--	1
Aroclor 1260	ND		ug/kg	16.7	--	1
Aroclor 1262	ND		ug/kg	8.35	--	1
Aroclor 1268	ND		ug/kg	8.35	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	39		30-150
Decachlorobiphenyl	39		30-150
2,4,5,6-Tetrachloro-m-xylene	35		30-150
Decachlorobiphenyl	40		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-03	Date Collected:	06/24/11 09:35
Client ID:	919-S1	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/29/11 20:18
Analytical Date:	07/04/11 05:27	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/02/11
Percent Solids:	59%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/02/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	32.0	--	1
Aroclor 1221	ND		ug/kg	32.0	--	1
Aroclor 1232	ND		ug/kg	32.0	--	1
Aroclor 1242	ND		ug/kg	32.0	--	1
Aroclor 1248	ND		ug/kg	21.4	--	1
Aroclor 1254	ND		ug/kg	32.0	--	1
Aroclor 1262	ND		ug/kg	10.7	--	1
Aroclor 1268	ND		ug/kg	10.7	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	98		30-150
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	94		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-03	Date Collected:	06/24/11 09:35
Client ID:	919-S1	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/29/11 20:18
Analytical Date:	07/04/11 05:27	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/02/11
Percent Solids:	59%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/02/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1260	260	P	ug/kg	21.4	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	98		30-150
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	94		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-04	Date Collected:	06/24/11 09:40
Client ID:	919-S2	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/29/11 20:18
Analytical Date:	07/04/11 05:39	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/02/11
Percent Solids:	77%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/02/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	26.8	--	1
Aroclor 1221	ND		ug/kg	26.8	--	1
Aroclor 1232	ND		ug/kg	26.8	--	1
Aroclor 1242	ND		ug/kg	26.8	--	1
Aroclor 1248	ND		ug/kg	17.8	--	1
Aroclor 1262	ND		ug/kg	8.92	--	1
Aroclor 1268	ND		ug/kg	8.92	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	65		30-150
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	77		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-04	Date Collected:	06/24/11 09:40
Client ID:	919-S2	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/29/11 20:18
Analytical Date:	07/04/11 05:39	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/02/11
Percent Solids:	77%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/02/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1254	88.7		ug/kg	26.8	--	1
Aroclor 1260	338		ug/kg	17.8	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	65		30-150
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	77		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-05	D	Date Collected:	06/24/11 09:43
Client ID:	919-S3		Date Received:	06/24/11
Sample Location:	Not Specified		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3540C
Analytical Method:	77,8082		Extraction Date:	06/30/11 22:30
Analytical Date:	07/13/11 15:14		Cleanup Method1:	EPA 3665A
Analyst:	SS		Cleanup Date1:	07/03/11
Percent Solids:	51%		Cleanup Method2:	EPA 3660B
			Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	191	--	5
Aroclor 1221	ND		ug/kg	191	--	5
Aroclor 1232	ND		ug/kg	191	--	5
Aroclor 1242	ND		ug/kg	191	--	5
Aroclor 1248	ND		ug/kg	128	--	5
Aroclor 1260	ND		ug/kg	128	--	5
Aroclor 1262	ND		ug/kg	63.8	--	5
Aroclor 1268	ND		ug/kg	63.8	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	57		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-05	D	Date Collected:	06/24/11 09:43
Client ID:	919-S3		Date Received:	06/24/11
Sample Location:	Not Specified		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3540C
Analytical Method:	77,8082		Extraction Date:	06/30/11 22:30
Analytical Date:	07/13/11 15:14		Cleanup Method1:	EPA 3665A
Analyst:	SS		Cleanup Date1:	07/03/11
Percent Solids:	51%		Cleanup Method2:	EPA 3660B
			Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1254	961		ug/kg	191	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	57		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-06	Date Collected:	06/24/11 09:46
Client ID:	919-S4	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/30/11 22:30
Analytical Date:	07/05/11 10:41	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/03/11
Percent Solids:	60%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	33.1	--	1
Aroclor 1221	ND		ug/kg	33.1	--	1
Aroclor 1232	ND		ug/kg	33.1	--	1
Aroclor 1242	ND		ug/kg	33.1	--	1
Aroclor 1248	ND		ug/kg	22.1	--	1
Aroclor 1260	88.2		ug/kg	22.1	--	1
Aroclor 1262	ND		ug/kg	11.0	--	1
Aroclor 1268	ND		ug/kg	11.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	54		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	56		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-06	Date Collected:	06/24/11 09:46
Client ID:	919-S4	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/30/11 22:30
Analytical Date:	07/05/11 10:41	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/03/11
Percent Solids:	60%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1254	223		ug/kg	33.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	54		30-150
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	56		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-07	Date Collected:	06/24/11 09:49
Client ID:	919-S5	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/30/11 22:30
Analytical Date:	07/05/11 10:55	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/03/11
Percent Solids:	70%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	28.2	--	1
Aroclor 1221	ND		ug/kg	28.2	--	1
Aroclor 1232	ND		ug/kg	28.2	--	1
Aroclor 1242	ND		ug/kg	28.2	--	1
Aroclor 1248	ND		ug/kg	18.8	--	1
Aroclor 1254	ND		ug/kg	28.2	--	1
Aroclor 1260	ND		ug/kg	18.8	--	1
Aroclor 1262	ND		ug/kg	9.39	--	1
Aroclor 1268	ND		ug/kg	9.39	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	55		30-150
Decachlorobiphenyl	50		30-150
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	52		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-08	Date Collected:	06/24/11 09:54
Client ID:	919-S6	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/30/11 22:30
Analytical Date:	07/05/11 11:08	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/03/11
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.4	--	1
Aroclor 1221	ND		ug/kg	23.4	--	1
Aroclor 1232	ND		ug/kg	23.4	--	1
Aroclor 1242	ND		ug/kg	23.4	--	1
Aroclor 1248	ND		ug/kg	15.6	--	1
Aroclor 1254	ND		ug/kg	23.4	--	1
Aroclor 1260	ND		ug/kg	15.6	--	1
Aroclor 1262	ND		ug/kg	7.78	--	1
Aroclor 1268	ND		ug/kg	7.78	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	65		30-150

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID:	L1109383-09	Date Collected:	06/24/11 09:57
Client ID:	HA-AOC6-303S1	Date Received:	06/24/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3540C
Analytical Method:	77,8082	Extraction Date:	06/30/11 22:30
Analytical Date:	07/05/11 11:21	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/03/11
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/03/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.6	--	1
Aroclor 1221	ND		ug/kg	22.6	--	1
Aroclor 1232	ND		ug/kg	22.6	--	1
Aroclor 1242	ND		ug/kg	22.6	--	1
Aroclor 1248	ND		ug/kg	15.1	--	1
Aroclor 1254	ND		ug/kg	22.6	--	1
Aroclor 1260	ND		ug/kg	15.1	--	1
Aroclor 1262	ND		ug/kg	7.53	--	1
Aroclor 1268	53.8		ug/kg	7.53	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	65		30-150
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	65		30-150

Project Name: 23 BARRY PLACE

Project Number: 35034-103

Lab Number: L1109383

Report Date: 07/14/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8082
Analytical Date: 07/04/11 01:45
Analyst: SS

Extraction Method: EPA 3540C
Extraction Date: 06/29/11 20:17
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/02/11
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/02/11

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Polychlorinated Biphenyls - Westborough Lab for sample(s): 01,03-04 Batch: WG476158-1					
Aroclor 1016	ND		ug/kg	19.8	--
Aroclor 1221	ND		ug/kg	19.8	--
Aroclor 1232	ND		ug/kg	19.8	--
Aroclor 1242	ND		ug/kg	19.8	--
Aroclor 1248	ND		ug/kg	13.2	--
Aroclor 1254	ND		ug/kg	19.8	--
Aroclor 1260	ND		ug/kg	13.2	--
Aroclor 1262	ND		ug/kg	6.61	--
Aroclor 1268	ND		ug/kg	6.61	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	76		30-150
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	68		30-150

Project Name: 23 BARRY PLACE

Project Number: 35034-103

Lab Number: L1109383

Report Date: 07/14/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8082
Analytical Date: 07/05/11 12:01
Analyst: SS

Extraction Method: EPA 3540C
Extraction Date: 06/30/11 22:30
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/03/11
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/03/11

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Polychlorinated Biphenyls - Westborough Lab for sample(s): 05-09 Batch: WG476439-1					
Aroclor 1016	ND		ug/kg	19.8	--
Aroclor 1221	ND		ug/kg	19.8	--
Aroclor 1232	ND		ug/kg	19.8	--
Aroclor 1242	ND		ug/kg	19.8	--
Aroclor 1248	ND		ug/kg	13.2	--
Aroclor 1254	ND		ug/kg	19.8	--
Aroclor 1260	ND		ug/kg	13.2	--
Aroclor 1262	ND		ug/kg	6.61	--
Aroclor 1268	ND		ug/kg	6.61	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	55		30-150
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	63		30-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Polychlorinated Biphenyls - Westborough Lab Associated sample(s): 01,03-04 Batch: WG476158-2 WG476158-3								
Aroclor 1016	85		84		40-140	1		50
Aroclor 1260	90		76		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		60		30-150
Decachlorobiphenyl	100		78		30-150
2,4,5,6-Tetrachloro-m-xylene	62		69		30-150
Decachlorobiphenyl	95		84		30-150

CT RCP Polychlorinated Biphenyls - Westborough Lab Associated sample(s): 05-09 Batch: WG476439-2 WG476439-3								
Aroclor 1016	85		90		40-140	6		50
Aroclor 1260	62		65		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		68		30-150
Decachlorobiphenyl	56		58		30-150
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150
Decachlorobiphenyl	63		60		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-01
Client ID: 918-S6
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/23/11 16:12
Date Received: 06/24/11
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	82		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-03
Client ID: 919-S1
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:35
Date Received: 06/24/11
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	59		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-04
Client ID: 919-S2
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:40
Date Received: 06/24/11
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	77		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-05
Client ID: 919-S3
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:43
Date Received: 06/24/11
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	51		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-06
Client ID: 919-S4
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:46
Date Received: 06/24/11
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	60		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-07
Client ID: 919-S5
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:49
Date Received: 06/24/11
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	70		%	0.10	NA	1	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-08
Client ID: 919-S6
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:54
Date Received: 06/24/11
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	-	06/27/11 09:30	30,2540G	JC

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

SAMPLE RESULTS

Lab ID: L1109383-09
Client ID: HA-AOC6-303S1
Sample Location: Not Specified
Matrix: Soil

Date Collected: 06/24/11 09:57
Date Received: 06/24/11
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	-	06/27/11 09:30	30,2540G	JC

Lab Duplicate Analysis
Batch Quality Control

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-09 QC Batch ID: WG475495-1 QC Sample: L1109381-01 Client ID: DUP Sample						
Solids, Total	90	91	%	1		20

Project Name: 23 BARRY PLACE
Project Number: 35034-103

Lab Number: L1109383
Report Date: 07/14/11

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(*)
L1109383-01A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-02A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	HOLD(14)
L1109383-03A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-04A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-05A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-06A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-07A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-08A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-09A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL-3540C(14)
L1109383-10A	Amber 120ml unpreserved	A	N/A	2	Y	Absent	HOLD(14)

Container Comments

L1109383-05A

L1109383-06A

L1109383-07A

L1109383-08A

L1109383-09A

*Values in parentheses indicate holding time in days

Project Name: 23 BARRY PLACE **Lab Number:** L1109383

Project Number: 35034-103 **Report Date:** 07/14/11

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.

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.

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. 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

Report Format: Data Usability Report

Project Name: 23 BARRY PLACE
Project Number: 35034-103
Lab Number: L1109383
Report Date: 07/14/11

Data Qualifiers

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: 23 BARRY PLACE **Lab Number:** L1109383
Project Number: 35034-103 **Report Date:** 07/14/11

REFERENCES

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

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 June 7, 2011 - 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), Ethylene Dibromide (EDB), 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))

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).)

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), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, 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, 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, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

*Solid Waste/Soil (*Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

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, Aldrin, Dieldrin, DDD, DDE, DDT, 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, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, 9050A, 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, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

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

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, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 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, 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, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270C-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 7196A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 8270C-SIM, 3540C, 3545, 3546, 3550B, 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, 4500H-B, 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, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

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

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

Non-Potable Water (Inorganic Parameters: EPA 1312. Organic Parameters: EPA 3510C, 5030B, 625, 624, 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 6010B, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3545, 3546, 3550B,

3580A, 3630C, 5035, 8015B, 8081A, 8082, 8151A, 8260B, 8270C, 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 Commisson 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, 376.2, 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.)

Department of Defense 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, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 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 Methylnapthalenes, 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.

ALPHA Job # L1109383 PCB

HALEY & ALDRICH

Haley & Aldrich, Inc.
800 Connecticut Blvd.,
Suite 100
East Hartford, CT 06108-7303

Phone 860-282-9400
Fax 860-282-9500

CHAIN OF CUSTODY RECORD

H&A FILE NO.	35034-103	LABORATORY	Alpha Analytical	DELIVERY DATE	24 Jun 2011
PROJECT NAME	23 Barry Place	ADDRESS	Westborough, MA	TURNAROUND TIME	10 Day
H&A CONTACT	Elida Danaher	CONTACT	Gina Hall	PROJECT MANAGER	D. Motycka-Downie

Analysis Requested

Sample No.	Date	Time	Depth (ft bgs)	Type	1 VOCs	2 SVOCs PAHs only	3 ETPH by CTDEP method	4 Total 8 RCRA Metals	5 PCBs	6 SPLP metals		PCB hold					Number of Containers
918-56	6/23/11	1612	4.5-5.5	soil					X								1
918-57	6/24/11	9:30	5.5-6.5	soil								X					1
919-51	6/24/11	935	0-0.5	soil					X								1
919-52	6/24/11	940	0.5-1.5	soil					X								1
919-53	6/24/11	943	1.5-2.5	soil					X								1
919-54	6/24/11	946	2.5-3.5	soil					X								1
919-55	6/24/11	949	3.5-4.5	soil					X								1
919-56	6/24/11	954	4.5-5.5	soil					X								1
HA-AOC6-30351		957	0.5-1	soil					X								1
HA-AOC6-30352		1000	1-2	soil								X					1

Comments (special instructions, precautions, additional method numbers, etc.)

Please Analyze as indicated:

PCBs by EPA Method 8082 - Soxhlet Extraction

Note: CT RCP compliance required.

Sampled and Relinquished by	Received by
Sign Katrina Perez Mejia	Sign T. Huddleson
Print Katrina Perez Mejia	Print T. Huddleson
Firm Haley & Aldrich, Inc.	Firm Alpha
Date 6/24/11 Time	Date 6/24/11 Time 1405
Relinquished by	**Received by**
Sign T. Huddleson	Sign [illegible]
Print T. Huddleson	Print William McClendon
Firm Alpha	Firm Alpha
Date 6/24/11 Time 1745	Date 6/24/11 Time 1745
Relinquished by	**Received by**
Sign	Sign
Print	Print
Firm	Firm
Date Time	Date Time

	1	2	3	4	5	6							
LIQUID													
VOA Vial													
Amber Glass													
Plastic Bottle													
Preservative													
Volume													
SOLID													
VOA Vial													
Amber Glass	X				X			X					
Clear Glass													
Preservative	A				A			A					
Volume	8 oz				4 oz			4 oz					

Sampling Comments

Evidence samples were tampered with? YES NO

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled	C NaOH	E H_2SO_4	G Methanol
B Sample filtered	D HNO_3	F HCL	H Sodium Bisulfate

Form #3204

Serial_No:07141115:17