Appendix 9

Pesticide Sampling Investigation

09069

**TIM
MILLER
ASSOCIATES, INC.**

10 North Street, Cold Spring, NY 10516 (845) 265-4400 265-4418 fax www.timmillerassociates.com

January 24, 2011

Mr. Carlos Torres
Director
Office of Environmental Health Risk Control
Westchester County Department of Health
145 Huguenot Street
New Rochelle, New York 10801

RE: **Highgate - Woodlands at North Salem**

Dear Mr. Torres:

Tim Miller Associates, Inc. (TMA) is the environmental consultant for the proposed Highgate Woodlands project in North Salem, New York. The project is a proposed residential development consisting of 76 senior townhomes and 42 single-family homes. Our office has prepared a draft DEIS, and it is being reviewed for completeness by the Town of North Salem (the lead agency) and its consultants. We are writing to have the WCDOH concur with our recommendations or provide guidance regarding a soil sample at the site which contained concentrations of a pesticide (4.4'-DDT).

The entire site is approximately 159.52 acres and consists of mature forests and areas of wetland. A location map is provided as Figure 1. Historical information indicates the property was farmed in the late 1800's and early 1900's. Aerial photographs from the 1960's and a USGS Quadrangle map indicate that an "orchard" may have existed in two fields (approximately 10 acres) on the site's western boundary, immediately south of Juengst Road. The USGS maps provide a stippled symbol to indicate orchards or areas of planted trees. No fruit trees including no apple trees or apple tree stumps were observed in the former "orchard" area. No large conifers, either mature trees or stumps in rows were observed to indicate previous planting. The suspected former orchard area is shown in Figure 2 - Pesticide Sampling Location Map.

In order to verify the occurrence of an "orchard" and the possible residual effects of any pesticide use (if any) at this location, a soil sampling investigation was undertaken by Tim Miller Associates in April, 2010. The investigation included the testing and analysis of soils for pesticide compounds and metals. A Sampling Protocol was developed in consultation with the Town.

Pesticide Soil Sampling

Soil samples were collected according to the Sampling Protocol on April 1, 2010 by Jon Dahlgren, Senior Geologist with TMA. In summary, samples were collected using the following procedures:

- The mapped area of the suspected former orchard is approximately 10 acres in size. The Sampling Protocol proposed a minimum of one (1) soil sample per acre be collected and analyzed in order to assure adequate coverage and analysis. Therefore a total of 10 samples were collected, as shown in Figure 2 Pesticide Sampling Location Map. Prior to sampling, the proposed sampling locations were reviewed by the Town's consultant, MDRA. The sampling locations were marked in the field with stakes. Locations with steep slopes, rock outcrops and saturated soils were avoided.
- One soil sample, designated as B-1, was collected outside the *area of concern* and analyzed to serve as background reference for metals (See Figure 2).
- Soil samples were collected at agreed upon locations at 0-6-inches below the ground surface. Surface leaves, twigs and partially decomposed material were removed from the surface prior to sampling. The pesticides of main concern (DDT, DDE, arsenic, cadmium and lead) are not readily mobile in soil and therefore the top 6 inches of soil was an appropriate soil depth sampling range. Samples were collected from unsaturated soil utilizing dedicated (single use) stainless steel hand shovels at each sampling location. This method avoided the potential for cross contamination of the samples and did not require the decontamination of sampling equipment.
- Collected soil samples were delivered on the same day to a New York State Certified laboratory for analysis. Based upon the laboratory requirements for soil volume, samples were collected in 8-ounce (237 milliliter) sterilized glass jars provided by the laboratory. Soil samples were transported to the lab in coolers with ice to maintain temperature below 4 degrees Celsius.
- Soil samples were analyzed for Pesticides EPA 8081 parameters, as well as for arsenic, cadmium, chromium and lead. The background reference sample was analyzed only for arsenic, cadmium, chromium and lead.

Sampling Analytical Results

The laboratory analytical results for **metals** are provided in Table 1, below. The table provides background levels for metals listed in NYSDEC Technical Administrative Guidance Memorandum (TAGM) 4046 and in the New York State soil clean-up objectives (NYS SCO Subpart 375-6). The metals results for the 10 soil samples (arsenic, cadmium, chromium and lead) were within ranges typical for natural concentrations of metals in natural soils in the northeast. The results were also consistent with the background sample B-1, which was collected outside of the designated former orchard area. The complete analytical results report from EnviroTest Laboratories, Inc. is attached.

Table 1 Metal Sampling Results				
Cleanup Objectives	**Arsenic**	**Cadmium**	**Chromium**	**Lead**
TAGM Recommended Soil Cleanup Objectives (ppm)	**7.5 or SB**	**1 or SB**	**10 or SB**	**SB**
Eastern USA Soil Background Concentrations (ppm)	**3-17**	**0.1-1**	**1.4-40**	**200-500**
Supart 375-6 Unrestricted Use Soil Cleanup Objectives (ppm)	**13**	**2.5**	**30**	**63**
Sample Number	**Analytical Results (ppm)**			
S-1	3.3	0.99	11	32
S-2	5.4	1.0	16	44
S-3	6.4	1.0	16	37
S-4	4.4	1.0	16	24
S-5	3.4	1.1	26	22
S-6	4.7	0.98	17	21
S-7	4.0	1.0	15	24
S-8	3.8	1.0	15	34
S-9	4.2	0.96	16	44
S-10	2.7	1.0	15	22
B-1 (Background)	5.9	1.0	21	48
Source: Tim Miller Associates, Inc. sampling results from April, 2010.				

The analytical results indicate that no **pesticides** were detected above the laboratory detection limits, with the exception of one sample, S-7. Sample S-7 contained 21 ppb of 4,4' DDT. No other pesticide compounds were detected in the sample. As shown in Table 2, the result is below the NYSDEC TAGM recommended soil cleanup objective, but above the new NYSDEC Division of Environmental Remediation Program (Subpart 375-6) unrestricted residential use soil clean-up objective (NYS SCO).

Table 2 Pesticide Sampling Result for Sample S-7				
Constituent	**TAGM Recommended Soil Cleanup Objectives (ppb)**	**Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (ppb)**	**Subpart 375-6 Restricted Use Soil Cleanup Objectives (Residential) (ppb)**	**Result (ppb)**
4,4'-DDT	2,100	3.3	1,700	21
Source: Tim Miller Associates, Inc. sampling results from April, 2010. Note: The results for all other pesticide compounds were below the laboratory detection limit (see attached EnviroTest Laboratories, Inc. Analytic Report.				

Recommendations

Given that no concentrations of 4.4'-DDT or its breakdown compounds (DDE, DDD), or other organochlorine pesticides were found at any of the other nine sampling locations, it is the professional opinion of TMA that pesticides were not routinely used at the property as part of an active orchard operation.

The S-7 sample location is in the southwestern portion of the development, on proposed Lot 14. Under the current plan, the sample location would be at the edge of a proposed driveway under approximately 2 to 3 feet of fill. The proposed driveway will be shifted to the sampling location, to ensure that there will be no potential for future direct physical contact with the existing soil at this location after construction. Given the relatively low concentration and isolated occurrence of 4.4'-DDT on the property, further remediation does not appear to be warranted.

Please review the results and either concur with our recommendations or provide guidance regarding the disposition of soil at the S-7 soil sampling location.

Please advise if you have any questions or need additional information.

Sincerely,

Jon P. Dahlgren
Vice President/ Senior Geologist
TIM MILLER ASSOCIATES, INC.

Enclosure

C: Warren Lucas, Supervisor, Town of North Salem
Cynthia Curtis, Planning Board Chair, Town of North Salem
Michael Plottel, JoFlo of North Salem
Ram Pergadia, NYSDEC, Environmental Remediation Division

WOODLANDS AT NORTH SALEM

TOWN OF NORTH SALEM TOWN BOARD, SEQR LEAD AGENCY
ADDENDUM TO SEIS FINAL SCOPING OUTLINE

SOIL PESTICIDES SAMPLING PROTOCOL

< < < INSERT DATE APPROVED > > >

Consistent with the Final Scoping Outline (March 22, 2005) for the proposed Woodlands at North Salem Supplemental Environmental Impact Statement (SEIS), the Soil Pesticides Sampling Protocol below shall be followed by the project sponsor.

SOIL SAMPLING AREA

An area consisting of approximately 10.5 acres in the northwestern section of the property appears to have been used formerly as either an orchard or a tree farm based upon an analysis of the USGS Croton Falls, New York Quadrangle map (1960, photorevised 1981) and a 1960 aerial photograph of the project site. Soil samples are to be collected from the identified 10.5 acre "*area of concern*" and analyzed in order to determine if pesticide residues potentially associated with past agricultural usage of this area are present at concentrations which might prompt the need for soil remediation.

SOIL SAMPLING METHODOLOGY

1. A minimum of one (1) soil sample per acre will be collected and analyzed in order to assure adequate analysis for the potential presence of pesticides within the area of concern. [The New York State Department of Health *Environmental Health Manual Draft Procedure for Realty Subdivisions: Soil Testing on Property Proposed for Subdivision (1990)* recommends a minimum collection of one soil sample per five (5) acres of land where pesticides may have been applied.]

2. Based on the above, a minimum total of ten (10) soil samples will be collected generally from the locations shown on Figure 1, Preliminary Pesticide Sampling Location Map. The selection of the actual soil sampling locations may vary depending upon such factors as steep slope, bedrock outcrops, near-surface bedrock and other inappropriate site features which might preclude sampling in the locations shown in Figure 1. Therefore, final selection of soil sampling locations will be determined in the field in consultation with the Town's authorized representatives prior to sample collection. Prior to sampling, the project sponsor's representative will be responsible for

contacting the Town Board and Planning Board to schedule a field inspection in order for the Town to inspect and approve the selected soil sampling sites.

3. One (1) soil sample will also be collected outside the *area of concern* and analyzed to serve as background reference.

4. Soil samples will be taken at 0 – 6-inches below the duff layer (surface leaves and associated partially decomposed material). The pesticides of main concern (DDT, DDE, Arsenic, and Cadmium) are not readily mobile in soil and therefore the top 6 inches of soil is an appropriate soil depth sampling range.

5. Soil samples will be collected from unsaturated, unfrozen soil utilizing dedicated (single use) stainless steel hand shovels at each sampling location. This method will avoid the cross contamination of the samples and will not require the decontamination of sampling equipment.

SOIL SAMPLING ANALYSIS

6. Collected soil samples will be delivered to a New York State Certified laboratory for analysis. The samples will be collected, documented and transported to the lab according to professional standards. Based upon the laboratory requirements for soil volume, samples will be collected in 8-ounce (237 milliliter) sterilized glass jars provided by the laboratory. Soil samples will be transported to the lab in coolers with ice to maintain temperature below 4 degrees Celsius.

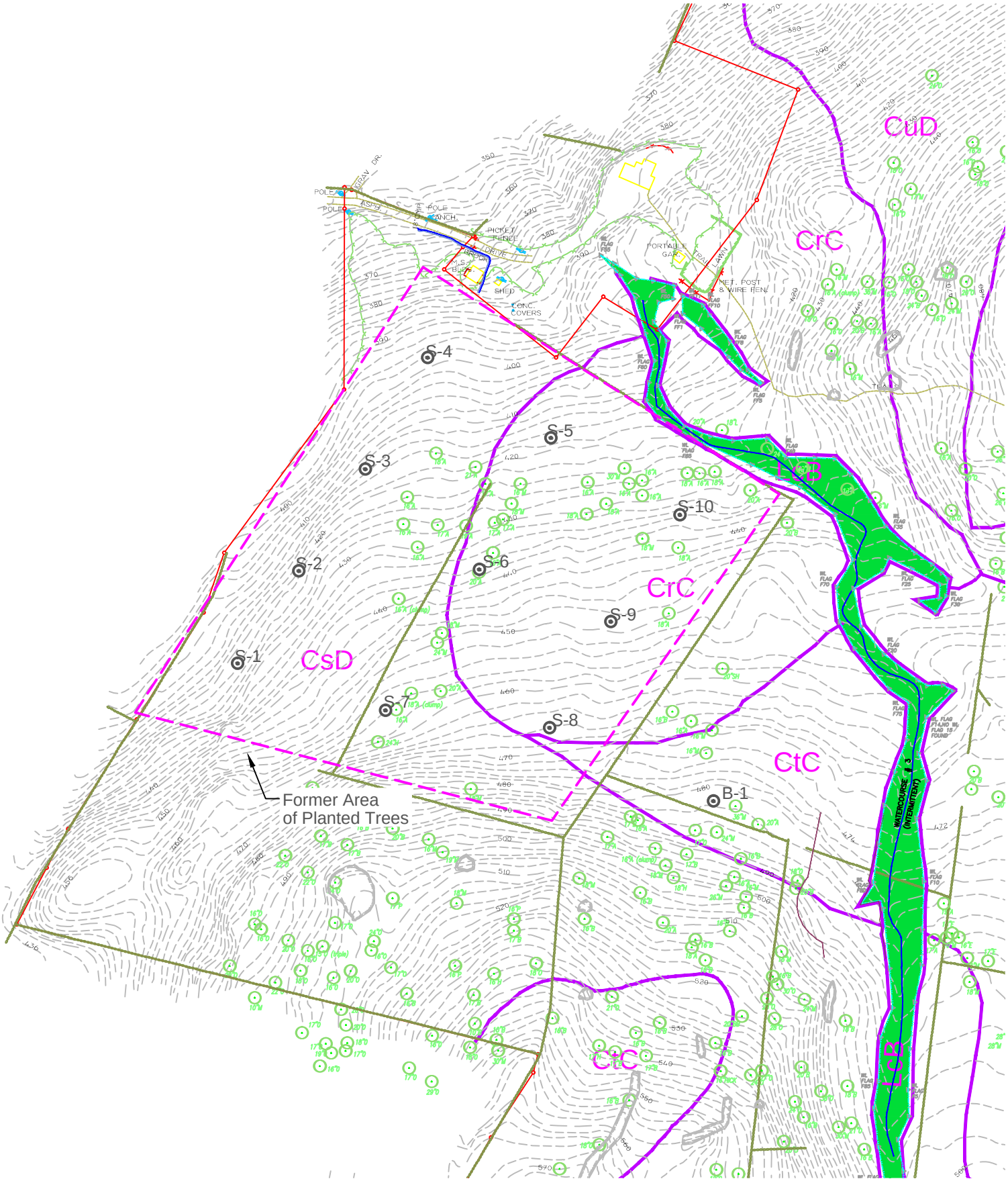
7. Soil samples will be analyzed for Pesticides EPA 8081 parameters (see attached list), as well as for Arsenic, Cadmium, and Chromium. The background reference sample will be analyzed only for Arsenic, Cadmium, and Chromium.

ANALYSIS RESULTS

8. The results of the soil sampling will be compared to New York State Department of Environmental Conservation (NYSDEC) recommended soil cleanup objectives (TAGM #4046, 1994) and the NYSDEC Subpart 375 Remedial Program Requirements cleanup values.

9. A letter report will be prepared by the project sponsor (which report will be incorporated in the SEIS) including: the analytical results, a comparison of the results to State standards, and any recommendations. If the analytical results for any of the analyzed soil samples exceed NYSDEC standards, further investigation of the *area of concern* will be recommended by the project sponsor and any required next steps relating thereto will be determined by the Town Board.

INSERT FIGURE 1
Preliminary Pesticide Sampling Location Map



North

KEY

Sample Location

Figure 1: Pesticide Sample Location Map

Highgate-Woodlands at North Salem

Town of North Salem, Westchester County, New York

Source: Keane Coppelman Engineers, P.C., 11/01/05, revised 09/02/08

Scale: 1" = 200'

File: 09069 09/30/10
JS\09069 Woodlands\

Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418

Table 1
Highgate-Woodlands Property
Metals - Soils
April 1, 2010

Parameter	TAGM Recommended Soil Cleanup Objectives (ppm)	Eastern USA Soil Background Concentrations (ppm)	Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (ppm)	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	B-1 (Background)
Arsenic	**7.5 or SB**	**3 - 17**	**13**	3.3	5.4	6.4	4.4	3.4	4.7	4.0	3.8	4.2	2.7	5.9
Cadmium	**1 or SB**	**0.1 - 1**	**2.5**	0.99	1.0	1.0	1.0	1.1	0.98	1.0	1.0	0.96	1.0	1
Chromium	**10 or SB**	**1.4 - 40**	**30**	11	16	16	16	26	17	15	15	16	15	21
Lead	**SB**	**200 - 500**	**63**	32	44	37	24	22	21	24	34	44	22	48

Notes:
ppm - parts per million;
Eastern USA soil background concentrations provided by NYSDEC;
Bold - value above TAGM Recommened Soil Cleanup Objectives and Eastern USA Soil Background Concentrations.

ANALYTICAL REPORT

Job Number: 420-34279-1

Job Description: Tim Miller Associates, Inc.

For:
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Attention: Ms. Maureen Fisher

Debra Bayer
Customer Service Manager
dbayer@envirotestlaboratories.com
04/09/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

EnviroTest Laboratories, Inc. Certifications and Approvals: NELAP Accredited, NYSDOH 10142, NJDEP NY015, CTDOPH PH-0554, EPA NY00049.

METHOD SUMMARY

Client: Tim Miller Associates, Inc. Job Number: 420-34279-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Inductively Coupled Plasma - Atomic Emission Spectrometry	EnvTest	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	EnvTest		SW846 3050B
General Sub Contract Method	Alpha Anal	Subcontract	

Lab References:

Alpha Anal =

EnvTest = EnviroTest

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Tim Miller Associates, Inc. Job Number: 420-34279-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-34279-1	S-1	Solid	04/01/2010 1435	04/01/2010 1745
420-34279-2	S-2	Solid	04/01/2010 1450	04/01/2010 1745
420-34279-3	S-3	Solid	04/01/2010 1500	04/01/2010 1745
420-34279-4	S-4	Solid	04/01/2010 1510	04/01/2010 1745
420-34279-5	S-5	Solid	04/01/2010 1520	04/01/2010 1745
420-34279-6	S-6	Solid	04/01/2010 1530	04/01/2010 1745
420-34279-7	S-7	Solid	04/01/2010 1540	04/01/2010 1745
420-34279-8	S-8	Solid	04/01/2010 1550	04/01/2010 1745
420-34279-9	S-9	Solid	04/01/2010 1555	04/01/2010 1745
420-34279-10	S-10	Solid	04/01/2010 1605	04/01/2010 1745
420-34279-11	B-1	Solid	04/01/2010 1615	04/01/2010 1745

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-1
Lab Sample ID: 420-34279-1

Date Sampled: 04/01/2010 1435
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1136		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	3.3		mg/Kg	2.0	2.0	1.0
Cadmium	0.99	U	mg/Kg	0.99	0.99	1.0
Chromium	11		mg/Kg	2.0	2.0	1.0
Lead	32		mg/Kg	5.0	5.0	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	33		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-2
Lab Sample ID: 420-34279-2

Date Sampled: 04/01/2010 1450
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1211		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	5.4		mg/Kg	2.0	2.0	1.0
Cadmium	1.0	U	mg/Kg	1.0	1.0	1.0
Chromium	16		mg/Kg	2.0	2.0	1.0
Lead	44		mg/Kg	5.0	5.0	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	27		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-3
Lab Sample ID: 420-34279-3

Date Sampled: 04/01/2010 1500
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 6010B		Date Analyzed:	04/08/2010 1221		
Prep Method: 3050B		Date Prepared:	04/05/2010 1438		
Arsenic	6.4	mg/Kg	2.0	2.0	1.0
Cadmium	1.0	mg/Kg	0.98	0.98	1.0
Chromium	16	mg/Kg	2.0	2.0	1.0
Lead	37	mg/Kg	4.9	4.9	1.0
Method: PercentMoisture		Date Analyzed:	04/02/2010 1058		
Percent Moisture	33	%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-4
Lab Sample ID: 420-34279-4

Date Sampled: 04/01/2010 1510
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1231		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	4.4		mg/Kg	2.0	2.0	1.0
Cadmium	1.0	U	mg/Kg	1.0	1.0	1.0
Chromium	16		mg/Kg	2.0	2.0	1.0
Lead	24		mg/Kg	5.1	5.1	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	27		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-5
Lab Sample ID: 420-34279-5

Date Sampled: 04/01/2010 1520
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 6010B		Date Analyzed:	04/08/2010 1240		
Prep Method: 3050B		Date Prepared:	04/05/2010 1438		
Arsenic	3.4	mg/Kg	2.0	2.0	1.0
Cadmium	1.1	mg/Kg	1.0	1.0	1.0
Chromium	26	mg/Kg	2.0	2.0	1.0
Lead	22	mg/Kg	5.1	5.1	1.0
Method: PercentMoisture		Date Analyzed:	04/02/2010 1058		
Percent Moisture	36	%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-6
Lab Sample ID: 420-34279-6

Date Sampled: 04/01/2010 1530
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1303		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	4.7		mg/Kg	2.0	2.0	1.0
Cadmium	0.98	U	mg/Kg	0.98	0.98	1.0
Chromium	17		mg/Kg	2.0	2.0	1.0
Lead	21		mg/Kg	4.9	4.9	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	26		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-7
Lab Sample ID: 420-34279-7

Date Sampled: 04/01/2010 1540
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1313		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	4.0		mg/Kg	2.0	2.0	1.0
Cadmium	1.0	U	mg/Kg	1.0	1.0	1.0
Chromium	15		mg/Kg	2.0	2.0	1.0
Lead	24		mg/Kg	5.0	5.0	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	27		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-8
Lab Sample ID: 420-34279-8

Date Sampled: 04/01/2010 1550
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1323		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	3.8		mg/Kg	2.0	2.0	1.0
Cadmium	1.0	U	mg/Kg	1.0	1.0	1.0
Chromium	15		mg/Kg	2.0	2.0	1.0
Lead	34		mg/Kg	5.0	5.0	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	36		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-9
Lab Sample ID: 420-34279-9

Date Sampled: 04/01/2010 1555
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 54

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1332		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	4.2		mg/Kg	1.9	1.9	1.0
Cadmium	0.96	U	mg/Kg	0.96	0.96	1.0
Chromium	16		mg/Kg	1.9	1.9	1.0
Lead	44		mg/Kg	4.8	4.8	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	46		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: S-10
Lab Sample ID: 420-34279-10

Date Sampled: 04/01/2010 1605
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1342		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	2.7		mg/Kg	2.0	2.0	1.0
Cadmium	1.0	U	mg/Kg	1.0	1.0	1.0
Chromium	15		mg/Kg	2.0	2.0	1.0
Lead	22		mg/Kg	5.0	5.0	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	30		%	0.10	0.10	1.0

Ms. Maureen Fisher
Tim Miller Associates, Inc.
10 North Street
Cold Spring, NY 10516

Job Number: 420-34279-1

Client Sample ID: B-1
Lab Sample ID: 420-34279-11

Date Sampled: 04/01/2010 1615
Date Received: 04/01/2010 1745
Client Matrix: Solid
Percent Solids: 56

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 6010B			Date Analyzed:	04/08/2010 1352		
Prep Method: 3050B			Date Prepared:	04/05/2010 1438		
Arsenic	5.9		mg/Kg	2.0	2.0	1.0
Cadmium	0.99	U	mg/Kg	0.99	0.99	1.0
Chromium	21		mg/Kg	2.0	2.0	1.0
Lead	48		mg/Kg	4.9	4.9	1.0
Method: PercentMoisture			Date Analyzed:	04/02/2010 1058		
Percent Moisture	44		%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: Tim Miller Associates, Inc. Job Number: 420-34279-1

Lab Section	Qualifier	Description
Metals		
	U	The analyte was analyzed for but not detected at or above the stated limit.

EnviroTest Laboratories, Inc.

CHAIN OF CUSTODY

Lab Name . **EnviroTest Laboratories**
Address & Phone **315 Fullerton Avenue, Newburgh, New York 12550 845-562-0890**

REPORT# (Lab Use Only) 34179

5.5°C

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION *
ENVIROTEST PROJECT MANAGER	P.O. NUMBER 09069	CONTRACT NO.
CLIENT (SITE) PM Jon Dahlgren	CLIENT PHONE 845-264-4400	CLIENT FAX 845-265-4418
CLIENT NAME Tim Miller Assoc., Inc.	*Woodland	
CLIENT ADDRESS 10 North Street, Cold Spring, New York 10516		
COMPANY CONTRACTING THIS WORK (if applicable):		

PAGE 1 of 1

TURNAROUND TIME

NORMAL ____

QUICK 6 Day

VERBAL ____

#OF COOLERS

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	D (Drinking Water) or W (Waste Water) Indicate	SOLID OR SEMISOLID	OTHER Specify	REQUIRED ANALYSES: Total # of Containers	40ml vial HCL	40ml vial sulfuric	250ml Plasic Sulfuric	250ml amber sulfuric	250 Plastic Nitric Acid	250ml Plastic Sod. Hydrox.	Liter Plastic	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	40ml No2503	REMARKS
			NUMBER OF CONTAINERS SUBMITTED																	
4.1	235	S-1						2										2		Pest, Metals
4.1	250	S-2						2										2		Pest, Metals
4.1	300	S-3						2										2		Pest, Metal
4.1	310	S-4						2										2		Pest, Metals
4.1	320	S-5						2										2		Pest Metals
4.1	330	S-6						2										2		Pest Metals
4.1	340	S-7						2										2		Pest Metals
4.1	350	S-8						2										2		Pest Metals
4.1	355	S-9						2										2		Pest Metals
4.1	405	S-10						2										2		Pest Metals
4.1	415	B-1						1										1		Metals

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4.1.10	545			
SAMPLED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4.1.10	545	Alicia Gibson ETR	4/1/10	5:45
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

NOTE: ** **SHORT HOLDING TIME** **

Field Service Time:

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES NO	Cooler Temp:.	LABORATORY REMARKS: ICE✓ pH____ CL2____ Reveiwed by____
			YES	5.5°C	

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Tim Miller Associates, Inc. Job Number: 420-34279-1

Login Number: 34279

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Table 1
Highgate-Woodlands Property
Metals - Soils
April 1, 2010

Parameter	TAGM Recommended Soil Cleanup Objectives (ppm)	Eastern USA Soil Background Concentrations (ppm)	Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (ppm)	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	B-1 (Background)
Arsenic	**7.5 or SB**	**3 - 17**	**13**	3.3	5.4	6.4	4.4	3.4	4.7	4.0	3.8	4.2	2.7	5.9
Cadmium	**1 or SB**	**0.1 - 1**	**2.5**	0.99	1.0	1.0	1.0	1.1	0.98	1.0	1.0	0.96	1.0	1
Chromium	**10 or SB**	**1.4 - 40**	**30**	11	16	16	16	26	17	15	15	16	15	21
Lead	**SB**	**200 - 500**	**63**	32	44	37	24	22	21	24	34	44	22	48

Notes:
ppm - parts per million;
Eastern USA soil background concentrations provided by NYSDEC;
Bold - value above TAGM Recommened Soil Cleanup Objectives and Eastern USA Soil Background Concentrations.

ANALYTICAL REPORT

Lab Number:	L1004750
Client:	Envirotest Laboratories Inc. 315 Fullerton Avenue Newburgh, NY 12550
ATTN:	Debra Bayer
Project Name:	TIM MILLER ASSOCIATES, INC.
Project Number:	42001187
Report Date:	04/09/10

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.

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

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1004750-01	S-1 (420-34279-1)	Not Specified	04/01/10 14:35
L1004750-02	S-2 (420-34279-2)	Not Specified	04/01/10 14:50
L1004750-03	S-3 (420-34279-3)	Not Specified	04/01/10 15:00
L1004750-04	S-4 (420-34279-4)	Not Specified	04/01/10 15:10
L1004750-05	S-5 (420-34279-5)	Not Specified	04/01/10 15:20
L1004750-06	S-6 (420-34279-6)	Not Specified	04/01/10 15:30
L1004750-07	S-7 (420-34279-7)	Not Specified	04/01/10 15:40
L1004750-08	S-8 (420-34279-8)	Not Specified	04/01/10 15:50
L1004750-09	S-9 (420-34279-9)	Not Specified	04/01/10 15:55
L1004750-10	S-10 (420-34279-10)	Not Specified	04/01/10 16:05

Project Name:	TIM MILLER ASSOCIATES, INC.	**Lab Number:**	L1004750
Project Number:	42001187	**Report Date:**	04/09/10

Case Narrative

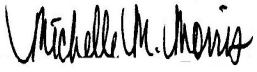
The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

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.

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: 

Title: Technical Director/Representative Date: 04/09/10

ORGANICS

PESTICIDES

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-01	Date Collected:	04/01/10 14:35
Client ID:	S-1 (420-34279-1)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 09:16	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	61%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	16.3	1
Lindane	ND		ug/kg	5.43	1
Alpha-BHC	ND		ug/kg	5.43	1
Beta-BHC	ND		ug/kg	16.3	1
Heptachlor	ND		ug/kg	6.51	1
Aldrin	ND		ug/kg	16.3	1
Heptachlor epoxide	ND		ug/kg	24.4	1
Endrin	ND		ug/kg	5.43	1
Endrin ketone	ND		ug/kg	16.3	1
Dieldrin	ND		ug/kg	8.14	1
4,4'-DDE	ND		ug/kg	24.4	1
4,4'-DDD	ND		ug/kg	16.3	1
4,4'-DDT	ND		ug/kg	24.4	1
Endosulfan I	ND		ug/kg	16.3	1
Endosulfan II	ND		ug/kg	24.4	1
Endosulfan sulfate	ND		ug/kg	5.43	1
Methoxychlor	ND		ug/kg	24.4	1
Toxaphene	ND		ug/kg	244	1
trans-Chlordane	ND		ug/kg	16.3	1
Chlordane	ND		ug/kg	106	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-02	Date Collected:	04/01/10 14:50
Client ID:	S-2 (420-34279-2)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 09:29	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	74%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	13.2	1
Lindane	ND		ug/kg	4.41	1
Alpha-BHC	ND		ug/kg	4.41	1
Beta-BHC	ND		ug/kg	13.2	1
Heptachlor	ND		ug/kg	5.30	1
Aldrin	ND		ug/kg	13.2	1
Heptachlor epoxide	ND		ug/kg	19.8	1
Endrin	ND		ug/kg	4.41	1
Endrin ketone	ND		ug/kg	13.2	1
Dieldrin	ND		ug/kg	6.62	1
4,4'-DDE	ND		ug/kg	19.8	1
4,4'-DDD	ND		ug/kg	13.2	1
4,4'-DDT	ND		ug/kg	19.8	1
Endosulfan I	ND		ug/kg	13.2	1
Endosulfan II	ND		ug/kg	19.8	1
Endosulfan sulfate	ND		ug/kg	4.41	1
Methoxychlor	ND		ug/kg	19.8	1
Toxaphene	ND		ug/kg	198	1
trans-Chlordane	ND		ug/kg	13.2	1
Chlordane	ND		ug/kg	86.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	141		30-150	A
Decachlorobiphenyl	131		30-150	A
2,4,5,6-Tetrachloro-m-xylene	141		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-03	Date Collected:	04/01/10 15:00
Client ID:	S-3 (420-34279-3)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 09:42	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	66%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	14.3	1
Lindane	ND		ug/kg	4.77	1
Alpha-BHC	ND		ug/kg	4.77	1
Beta-BHC	ND		ug/kg	14.3	1
Heptachlor	ND		ug/kg	5.73	1
Aldrin	ND		ug/kg	14.3	1
Heptachlor epoxide	ND		ug/kg	21.5	1
Endrin	ND		ug/kg	4.77	1
Endrin ketone	ND		ug/kg	14.3	1
Dieldrin	ND		ug/kg	7.16	1
4,4'-DDE	ND		ug/kg	21.5	1
4,4'-DDD	ND		ug/kg	14.3	1
4,4'-DDT	ND		ug/kg	21.5	1
Endosulfan I	ND		ug/kg	14.3	1
Endosulfan II	ND		ug/kg	21.5	1
Endosulfan sulfate	ND		ug/kg	4.77	1
Methoxychlor	ND		ug/kg	21.5	1
Toxaphene	ND		ug/kg	215	1
trans-Chlordane	ND		ug/kg	14.3	1
Chlordane	ND		ug/kg	93.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	116		30-150	A
Decachlorobiphenyl	119		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-04	Date Collected:	04/01/10 15:10
Client ID:	S-4 (420-34279-4)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 09:56	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	14.1	1
Lindane	ND		ug/kg	4.71	1
Alpha-BHC	ND		ug/kg	4.71	1
Beta-BHC	ND		ug/kg	14.1	1
Heptachlor	ND		ug/kg	5.65	1
Aldrin	ND		ug/kg	14.1	1
Heptachlor epoxide	ND		ug/kg	21.2	1
Endrin	ND		ug/kg	4.71	1
Endrin ketone	ND		ug/kg	14.1	1
Dieldrin	ND		ug/kg	7.06	1
4,4'-DDE	ND		ug/kg	21.2	1
4,4'-DDD	ND		ug/kg	14.1	1
4,4'-DDT	ND		ug/kg	21.2	1
Endosulfan I	ND		ug/kg	14.1	1
Endosulfan II	ND		ug/kg	21.2	1
Endosulfan sulfate	ND		ug/kg	4.71	1
Methoxychlor	ND		ug/kg	21.2	1
Toxaphene	ND		ug/kg	212	1
trans-Chlordane	ND		ug/kg	14.1	1
Chlordane	ND		ug/kg	91.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	138		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	137		30-150	B
Decachlorobiphenyl	136		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-05	Date Collected:	04/01/10 15:20
Client ID:	S-5 (420-34279-5)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 10:09	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	58%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	17.1	1
Lindane	ND		ug/kg	5.70	1
Alpha-BHC	ND		ug/kg	5.70	1
Beta-BHC	ND		ug/kg	17.1	1
Heptachlor	ND		ug/kg	6.84	1
Aldrin	ND		ug/kg	17.1	1
Heptachlor epoxide	ND		ug/kg	25.6	1
Endrin	ND		ug/kg	5.70	1
Endrin ketone	ND		ug/kg	17.1	1
Dieldrin	ND		ug/kg	8.55	1
4,4'-DDE	ND		ug/kg	25.6	1
4,4'-DDD	ND		ug/kg	17.1	1
4,4'-DDT	ND		ug/kg	25.6	1
Endosulfan I	ND		ug/kg	17.1	1
Endosulfan II	ND		ug/kg	25.6	1
Endosulfan sulfate	ND		ug/kg	5.70	1
Methoxychlor	ND		ug/kg	25.6	1
Toxaphene	ND		ug/kg	256	1
trans-Chlordane	ND		ug/kg	17.1	1
Chlordane	ND		ug/kg	111	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	120		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-06	Date Collected:	04/01/10 15:30
Client ID:	S-6 (420-34279-6)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 10:22	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	12.8	1
Lindane	ND		ug/kg	4.27	1
Alpha-BHC	ND		ug/kg	4.27	1
Beta-BHC	ND		ug/kg	12.8	1
Heptachlor	ND		ug/kg	5.12	1
Aldrin	ND		ug/kg	12.8	1
Heptachlor epoxide	ND		ug/kg	19.2	1
Endrin	ND		ug/kg	4.27	1
Endrin ketone	ND		ug/kg	12.8	1
Dieldrin	ND		ug/kg	6.40	1
4,4'-DDE	ND		ug/kg	19.2	1
4,4'-DDD	ND		ug/kg	12.8	1
4,4'-DDT	ND		ug/kg	19.2	1
Endosulfan I	ND		ug/kg	12.8	1
Endosulfan II	ND		ug/kg	19.2	1
Endosulfan sulfate	ND		ug/kg	4.27	1
Methoxychlor	ND		ug/kg	19.2	1
Toxaphene	ND		ug/kg	192	1
trans-Chlordane	ND		ug/kg	12.8	1
Chlordane	ND		ug/kg	83.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	134		30-150	A
Decachlorobiphenyl	121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	132		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-07	Date Collected:	04/01/10 15:40
Client ID:	S-7 (420-34279-7)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 12:53	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	71%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	14.0	1
Lindane	ND		ug/kg	4.67	1
Alpha-BHC	ND		ug/kg	4.67	1
Beta-BHC	ND		ug/kg	14.0	1
Heptachlor	ND		ug/kg	5.60	1
Aldrin	ND		ug/kg	14.0	1
Heptachlor epoxide	ND		ug/kg	21.0	1
Endrin	ND		ug/kg	4.67	1
Endrin ketone	ND		ug/kg	14.0	1
Dieldrin	ND		ug/kg	7.00	1
4,4'-DDE	ND		ug/kg	21.0	1
4,4'-DDD	ND		ug/kg	14.0	1
Endosulfan I	ND		ug/kg	14.0	1
Endosulfan II	ND		ug/kg	21.0	1
Endosulfan sulfate	ND		ug/kg	4.67	1
Methoxychlor	ND		ug/kg	21.0	1
Toxaphene	ND		ug/kg	210	1
trans-Chlordane	ND		ug/kg	14.0	1
Chlordane	ND		ug/kg	91.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-07	Date Collected:	04/01/10 15:40
Client ID:	S-7 (420-34279-7)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 12:53	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	71%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
4,4'-DDT	21.0		ug/kg	21.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-08	Date Collected:	04/01/10 15:50
Client ID:	S-8 (420-34279-8)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:39
Analytical Date:	04/09/10 10:48	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	69%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	14.0	1
Lindane	ND		ug/kg	4.68	1
Alpha-BHC	ND		ug/kg	4.68	1
Beta-BHC	ND		ug/kg	14.0	1
Heptachlor	ND		ug/kg	5.61	1
Aldrin	ND		ug/kg	14.0	1
Heptachlor epoxide	ND		ug/kg	21.0	1
Endrin	ND		ug/kg	4.68	1
Endrin ketone	ND		ug/kg	14.0	1
Dieldrin	ND		ug/kg	7.01	1
4,4'-DDE	ND		ug/kg	21.0	1
4,4'-DDD	ND		ug/kg	14.0	1
4,4'-DDT	ND		ug/kg	21.0	1
Endosulfan I	ND		ug/kg	14.0	1
Endosulfan II	ND		ug/kg	21.0	1
Endosulfan sulfate	ND		ug/kg	4.68	1
Methoxychlor	ND		ug/kg	21.0	1
Toxaphene	ND		ug/kg	210	1
trans-Chlordane	ND		ug/kg	14.0	1
Chlordane	ND		ug/kg	91.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	133		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	129		30-150	B
Decachlorobiphenyl	135		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-09	Date Collected:	04/01/10 15:55
Client ID:	S-9 (420-34279-9)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:40
Analytical Date:	04/09/10 11:01	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	54%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	18.3	1
Lindane	ND		ug/kg	6.09	1
Alpha-BHC	ND		ug/kg	6.09	1
Beta-BHC	ND		ug/kg	18.3	1
Heptachlor	ND		ug/kg	7.30	1
Aldrin	ND		ug/kg	18.3	1
Heptachlor epoxide	ND		ug/kg	27.4	1
Endrin	ND		ug/kg	6.09	1
Endrin ketone	ND		ug/kg	18.3	1
Dieldrin	ND		ug/kg	9.13	1
4,4'-DDE	ND		ug/kg	27.4	1
4,4'-DDD	ND		ug/kg	18.3	1
4,4'-DDT	ND		ug/kg	27.4	1
Endosulfan I	ND		ug/kg	18.3	1
Endosulfan II	ND		ug/kg	27.4	1
Endosulfan sulfate	ND		ug/kg	6.09	1
Methoxychlor	ND		ug/kg	27.4	1
Toxaphene	ND		ug/kg	274	1
trans-Chlordane	ND		ug/kg	18.3	1
Chlordane	ND		ug/kg	119	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

SAMPLE RESULTS

Lab ID:	L1004750-10	Date Collected:	04/01/10 16:05
Client ID:	S-10 (420-34279-10)	Date Received:	04/02/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	04/07/10 17:40
Analytical Date:	04/09/10 11:14	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	04/09/10
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab					
Delta-BHC	ND		ug/kg	14.1	1
Lindane	ND		ug/kg	4.70	1
Alpha-BHC	ND		ug/kg	4.70	1
Beta-BHC	ND		ug/kg	14.1	1
Heptachlor	ND		ug/kg	5.64	1
Aldrin	ND		ug/kg	14.1	1
Heptachlor epoxide	ND		ug/kg	21.1	1
Endrin	ND		ug/kg	4.70	1
Endrin ketone	ND		ug/kg	14.1	1
Dieldrin	ND		ug/kg	7.05	1
4,4'-DDE	ND		ug/kg	21.1	1
4,4'-DDD	ND		ug/kg	14.1	1
4,4'-DDT	ND		ug/kg	21.1	1
Endosulfan I	ND		ug/kg	14.1	1
Endosulfan II	ND		ug/kg	21.1	1
Endosulfan sulfate	ND		ug/kg	4.70	1
Methoxychlor	ND		ug/kg	21.1	1
Toxaphene	ND		ug/kg	211	1
trans-Chlordane	ND		ug/kg	14.1	1
Chlordane	ND		ug/kg	91.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: TIM MILLER ASSOCIATES, INC. **Lab Number:** L1004750

Project Number: 42001187 **Report Date:** 04/09/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081A
Analytical Date: 04/08/10 11:41
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 04/07/10 17:39
Cleanup Method1: EPA 3620B
Cleanup Date1: 04/08/10

Parameter	Result	Qualifier	Units	RDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG407176-1				
Delta-BHC	ND		ug/kg	9.57
Lindane	ND		ug/kg	3.19
Alpha-BHC	ND		ug/kg	3.19
Beta-BHC	ND		ug/kg	9.57
Heptachlor	ND		ug/kg	3.83
Aldrin	ND		ug/kg	9.57
Heptachlor epoxide	ND		ug/kg	14.4
Endrin	ND		ug/kg	3.19
Endrin ketone	ND		ug/kg	9.57
Dieldrin	ND		ug/kg	4.79
4,4'-DDE	ND		ug/kg	14.4
4,4'-DDD	ND		ug/kg	9.57
4,4'-DDT	ND		ug/kg	14.4
Endosulfan I	ND		ug/kg	9.57
Endosulfan II	ND		ug/kg	14.4
Endosulfan sulfate	ND		ug/kg	3.19
Methoxychlor	ND		ug/kg	14.4
Toxaphene	ND		ug/kg	144
trans-Chlordane	ND		ug/kg	9.57
Chlordane	ND		ug/kg	62.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

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: WG407176-2 WG407176-3								
Delta-BHC	98		102		30-150	4		30
Lindane	96		99		30-150	3		30
Alpha-BHC	96		100		30-150	4		30
Beta-BHC	80		83		30-150	4		30
Heptachlor	91		93		30-150	2		30
Aldrin	94		98		30-150	4		30
Heptachlor epoxide	105		109		30-150	4		30
Endrin	84		88		30-150	5		30
Endrin ketone	85		88		30-150	3		30
Dieldrin	98		102		30-150	4		30
4,4'-DDE	101		106		30-150	5		30
4,4'-DDD	103		108		30-150	5		30
4,4'-DDT	95		98		30-150	3		30
Endosulfan I	94		99		30-150	5		30
Endosulfan II	94		99		30-150	5		30
Endosulfan sulfate	75		78		30-150	4		30
Methoxychlor	80		80		30-150	0		30
trans-Chlordane	93		96		30-150	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

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: WG407176-2 WG407176-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	86		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		84		30-150	B
Decachlorobiphenyl	86		87		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-01
Client ID: S-1 (420-34279-1)
Sample Location: Not Specified
Matrix: Soil
Date Collected: 04/01/10 14:35
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	61		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-02
Client ID: S-2 (420-34279-2)
Sample Location: Not Specified
Matrix: Soil

Date Collected: 04/01/10 14:50
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	74		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-03
Client ID: S-3 (420-34279-3)
Sample Location: Not Specified
Matrix: Soil

Date Collected: 04/01/10 15:00
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	66		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-04
Client ID: S-4 (420-34279-4)
Sample Location: Not Specified
Matrix: Soil

Date Collected: 04/01/10 15:10
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	70		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-05
Client ID: S-5 (420-34279-5)
Sample Location: Not Specified
Matrix: Soil
Date Collected: 04/01/10 15:20
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	58		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-06
Client ID: S-6 (420-34279-6)
Sample Location: Not Specified
Matrix: Soil
Date Collected: 04/01/10 15:30
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	76		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-07
Client ID: S-7 (420-34279-7)
Sample Location: Not Specified
Matrix: Soil

Date Collected: 04/01/10 15:40
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	71		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-08
Client ID: S-8 (420-34279-8)
Sample Location: Not Specified
Matrix: Soil
Date Collected: 04/01/10 15:50
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	69		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187
Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-09
Client ID: S-9 (420-34279-9)
Sample Location: Not Specified
Matrix: Soil
Date Collected: 04/01/10 15:55
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	54		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

SAMPLE RESULTS

Lab ID: L1004750-10
Client ID: S-10 (420-34279-10)
Sample Location: Not Specified
Matrix: Soil

Date Collected: 04/01/10 16:05
Date Received: 04/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	70		%	0.10	1	-	04/05/10 13:55	30,2540G	TL

Lab Duplicate Analysis
Batch Quality Control

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG406788-1 QC Sample: L1004661-02 Client ID: DUP Sample						
Solids, Total	91	91	%	0		20

Project Name: TIM MILLER ASSOCIATES, INC.
Project Number: 42001187

Lab Number: L1004750
Report Date: 04/09/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L1004750-01A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-02A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-03A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-04A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-05A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-06A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-07A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-08A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-09A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)
L1004750-10A	Amber 250ml unpreserved	A	N/A	5	Y	Absent	TS(7),NYTCL-8081(14)

*Hold days indicated by values in parentheses

Project Name:	TIM MILLER ASSOCIATES, INC.	**Lab Number:**	L1004750
Project Number:	42001187	**Report Date:**	04/09/10

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.

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.

RDL · Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL 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.

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 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.

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.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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 than 5x the RDL. (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 reported detection limit (RDL) for the sample.

Report Format: Data Usability Report

Project Name:	TIM MILLER ASSOCIATES, INC.	**Lab Number:**	L1004750
Project Number:	42001187	**Report Date:**	04/09/10

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 Woods Hole Labs 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 Woods Hole Labs.

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 March 16, 2010 - 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: Haloacetic Acids, Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB).)
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Calcium 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, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH.)
Solid Waste/Soil (Inorganic Parameters: Lead in Paint, pH, 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), Reactivity. Organic Parameters: PCBs, 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, 9221E, 9222B, 9222D, 9223B, EPA 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B,4500NO3-F, EPA 200.7, EPA 200.8, 245.1. Organic Parameters: 504.1, 524.2, SM 6251B.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 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.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624.)

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)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 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), 314.0, 332.
Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; 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,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Ti,Tl, V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 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-B,C-Titr, 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, 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

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 120.1, 300.0, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 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, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, SM2120B, 2510B, 5310C, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-D, 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, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

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 314.0, 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, LACHAT 10-117-07-1A or B, SM4500Cl-E, 4500F-C, SM15 426C, EPA 350.1, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, SM4500-CN-E LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 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.***
Non-Potable Water (Organic Parameters: EPA 3510C, 5030B, 625, 624. 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 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 NY-DOH 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.)

Utah Department of Health Certificate/Lab ID: AAMA. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: Chloride EPA 300.0)

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, 9251, 9038, 350.1, 353.2, 351.1, 314, 120.1, 9050A , 410.4, 9060, 1664, 420.1, LACHAT 10-107-06-1-B, SM 4500CN-E, 4500H-B, 4500CL-E, 4500F-BC, 4500SO4-E, 426C, 4500NH3-B, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500Norg-C, 4500PE, 2510B, 5540C, 5220D, 5310C, 2540B, 2540C, 2540D, 510C, 4500S2-AD, 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8330, 625, 8082, 8151A, 8081A, 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9040B, 9045C, 9065, 420.1, 9012A, 6860, 1311, 1312, 3050B, 9030B, 3051, 9010B, 3540C, SM 510ABC, 4500CN-CE, 2540G, SW-846 7.3, Organic Parameters: EPA 8260B, 8270C, 8330, 8082, 8081A, 8151A, 3545, 3546, 3580, 5035.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **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. **EPA 350.1** for Ammonia in a Soil matrix.

EnviroTest Laboratories, Inc.
315 Fullerton Avenue
Newburgh, NY 12550
Phone (845) 562-0890 Fax (845) 562-0841

ALPHA Job # L1004750

Chain of Custody Record

EnviroTest Laboratories Inc.

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Bayer, Debra	Carrier Tracking No(s):	COC No: 420-4520.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: dbayer@envirotestlaboratories.com		Page: Page 1 of 1
Company: Alpha Analytical				STL Job #: 420-34279-1
Address: 8 Walkup Drive,	Due Date Requested: 4/6/2010			
City: Westborough	TAT Requested (days): 5 Day			
State, Zip: MA, 01581				
Phone:	PO #:			
Email:	WO #:			
Project Name: Tim Miller Associates, Inc.	Project #: 42001187			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ 8081 to Alpha Analytical	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
S-1 (420-34279-1)	4/1/10	14:35		Solid			X	1	
S-2 (420-34279-2)	4/1/10	14:50		Solid			X	1	
S-3 (420-34279-3)	4/1/10	15:00		Solid			X	1	
S-4 (420-34279-4)	4/1/10	15:10		Solid			X	1	
S-5 (420-34279-5)	4/1/10	15:20		Solid			X	1	
S-6 (420-34279-6)	4/1/10	15:30		Solid			X	1	
S-7 (420-34279-7)	4/1/10	15:40		Solid			X	1	
S-8 (420-34279-8)	4/1/10	15:50		Solid			X	1	
S-9 (420-34279-9)	4/1/10	15:55		Solid			X	1	
S-10 (420-34279-10)	4/1/10	16:05		Solid			X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 4/2/10 0925	Company ESL	Received by:	Date/Time: 4/2/10 0925	Company Alpha
Relinquished by:	Date/Time: 4-2-10/2000	Company	Received by:	Date/Time: 4-2-10/1830	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/2/10 2100	Company Alpha

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: 4/2/10

Cooler Temperature(s) °C and Other Remarks:

Rec: 4/2/10 2280

EnviroTest Laboratories, Inc.

CHAIN OF CUSTODY

Lab Name . **EnviroTest Laboratories**
Address & Phone **315 Fullerton Avenue, Newburgh, New York 12550 845-562-0890**

REPORT# (Lab Use Only) 34179

5.5°C

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION *
ENVIROTEST PROJECT MANAGER	P.O. NUMBER 09069	CONTRACT NO.
CLIENT (SITE) PM: Jon Dahlgren	CLIENT PHONE: 845-264-4400	CLIENT FAX: 845-265-4418
CLIENT NAME: Tim Miller Assoc., Inc.	*Woodland	
CLIENT ADDRESS: 10 North Street, Cold Spring, New York 10516		
COMPANY CONTRACTING THIS WORK (if applicable):		

PAGE 1 of 1

TURNAROUND TIME

NORMAL ____

QUICK 6 Day

VERBAL ____

#OF COOLERS

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) *INDICATE*	AQUEOUS (WATER)	D (Drinking Water) or W (Waste Water) *Indicate*	SOLID OR SEMISOLID	OTHER *Specify*	REQUIRED ANALYSES: Total # of Containers	40ml vial HCL	40ml vial sulfuric	250ml Plasic Sulfuric	250ml amber sulfuric	250 Plastic Nitric Acid	250ml Plastic Sod. Hydrox.	Liter Plastic	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	40ml No2503	REMARKS
								NUMBER OF CONTAINERS SUBMITTED												
4.1	235	S-1						2										2		Pest, Metals
4.1	250	S-2						2										2		Pest, Metals
4.1	300	S-3						2										2		Pest, Metal
4.1	310	S-4						2										2		Pest, Metals
4.1	320	S-5						2										2		Pest Metals
4.1	330	S-6						2										2		Pest Metals
4.1	340	S-7						2										2		Pest Metals
4.1	350	S-8						2										2		Pest Metals
4.1	355	S-9						2										2		Pest Metals
4.1	405	S-10						2										2		Pest Metals
4.1	415	B-1						1										1		Metals

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4.1.10	545			
SAMPLED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	4.1.10	545	Alicia Gibson ETL	4/1/10	5:45
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

NOTE: ** **SHORT HOLDING TIME** **

Field Service Time:

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES NO	Cooler Temp:.	LABORATORY REMARKS: ICE✓ pH____ CL2____ Reveiwed by____
			YES	5.5°C	