Supplementary Phase II Environmental Site Assessment

Proposed Pinebrook Condominiums
2101 and North Avenue Palmer Avenue
Larchmont, New York, 10538

October 7, 2013

Prepared for:

Wilder Balter Partners, Inc
570 Taxter Road
Elmsford, New York 10523

Prepared by:

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402A
Melville, NY 11747

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 BACKGROUND/PURPOSE

The Subject Site consists of two vacant parcels located at located at 2101 Palmer Avenue and North Avenue, Larchmont, New York, also known as the Esposito Property. The Site currently has an open spill number associated with the discovery of free-phase petroleum on the groundwater table in the easternmost portion of the Site on September 23, 2010. In October 2011, the spill was remediated under an approved Remedial Work Plan, and based upon the Closure Report; the NYSDEC formally closed spill No. 1006787. However, after technical review of the findings, the NYSDEC reopened the spill due to the presence of semi-volatile organic compounds (SVOCs) and to a lesser extent, the metals Chromium and Barium, detected in the soil/fill used to backfill the remediated area. A Brownfield Cleanup Program application was submitted to the NYSDEC in July, 2013. However, the Department requested additional Site-wide data to demonstrate the overall Site is a brownfield in addition to the spill area on the eastern side of the Site. This investigation was meant to provide the additional soil and groundwater data requested where previous investigation had not been performed.

2.0 SCOPE OF WORK

This investigation focused on two areas within the Site;

- The westernmost section of the Site lies within the footprint of one of the two proposed buildings. In this area, four soil borings were performed (B-1 through B-4) and one temporary well was set at boring location B-1.
- The east-central portion of the Site will be utilized mainly for parking but is located adjacent to second building. In this area, six (6) soil borings were performed (B-5 through B-10) and three (3) temporary wells were set at select boring locations B-6, B-8, and B-10.

A map showing all the sampling locations is included as Figure 1.

3.0 SITE ASSESSMENT METHODOLOGY

The Phase II ESA fieldwork was conducted at the subject Site on September 24th and 25th, 2013. The work was conducted in accordance with industry practice as defined in the ASTM Standard: Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process (E 1903-97). Galli Engineering performed oversight and soil sampling with C_2G Environmental Consultants, LLC, which provided soil boring services. A track-mounted

Geoprobe with a hydraulic driven probe was utilized for sample collection. The following sections provide a description of the fieldwork activities.

3.1 Soil Boring Sampling

A total of ten (10) soil borings were performed at the subject property and were designated B-1 through B-10. These soil borings were advanced using a track mounted Geoprobe unit the depth that refusal was met. The majority of the borings were completed at a depth of approximately ten (10) feet below grade with the deepest boring (B-1) reaching refusal at a maximum depth of fourteen (14) feet below grade.

This Geoprobe unit utilizes a hydraulic hammer to drive a hollow five-foot steel rod containing a polyethylene liner to obtain a relatively undisturbed soil sample. Once the rod is driven to the desired depth, the drill string is removed from the borehole and the polyethylene liner containing the soil sample is withdrawn from the drill string. Once the liner is split open, the soils are examined and a sample is collected using a disposable Nitrile gloved hand.

One sample was collected from each borehole, from the interval showing the greatest potential for contamination, based upon the field observations including staining and/or petroleum odors. Upon collection, each soil sample was placed into a clean 8-ounce glass jar (for analysis of SVOCs, Pesticides, PCBs, and TAL Metals) and three (3) 40-mL vials (for analysis of VOCs). Each jar was properly labeled with designated sample identification, samplers initials, date and time of collection, and then placed into a secure cooler. All samples were logged onto a chain of custody document by sampling personnel, and remained in the custody of Galli Engineering until pick up and transportation to the analytical laboratory via a laboratory representative.

3.2 Groundwater Sampling

Upon completion of soil borings, temporary monitoring wells were installed in four (4) of the deeper boring locations (B-1, B-6, B-8, and B-10). The temporary wells were constructed of 1-inch schedule 40 PVC piping with 0,020 slot well screens, and were gravel packed with #2 Morie gravel. Total depth of the wells ranged from approximately 10 feet at B-6, B-8 and B-10 to 14 feet at B-1.

After installation, the wells were allowed to set overnight and samples were collected the following day. Prior to sample collection, each well was gauged for the presence or absence of free-product and depth to water. Then, using a dedicated disposable bailer, several well volumes were removed from each well prior to sample collection. Groundwater samples were then collected for analysis of VOCs, SVOCs, TAL Metals, PCBs and Pesticides.

4.0 LABORATORY ANALYTICAL RESULTS

The laboratory results for the sampling conducted at the Site are discussed below, and summarized in Tables 1 through 8.

4.1 Soil Sample Analytical Results

Soil sampling results were compared against The New York Department of Environmental Conservation (NYSDEC) Environmental Remediation Subpart 375-6.3: Unrestricted Use and Residential Use Soil Cleanup Objectives (SCOs). The following is a summary of the results.

Volatiles

- VOCs were detected above Track 1 Unrestricted Use SCOs in soil samples from B-4 and B-5. Tetrachloroethene at a concentration of 2,400 ug/Kg, was detected above the reporting limit in B-4. The sample from B-5 reported concentrations of 1,2,4-Trimethylbenze at and Ethylbenzene above Track 1 Unrestricted Use SCOs.

Semi-Volatiles

- Several SVOCs were detected above Track 2 Residential Use SCOs in borings B-1, B-4, B-6 and B-7. Many of those SVOCs were two to four times over the Track 2 SCOs.

Metals

- Fairly significant metals concentrations were detected in excess of Track 2 Residential Use SCOs in Soil Boring B-1. (Arsenic = 17 mg/Kg, Cadmium = 3.19 ug/Kg, & Lead = 477 ug/Kg.)
- Metals Concentrations, including; Arsenic, Copper, Lead, Nickel and Zinc, above Track 1 Residential Use SCOs in B-4, B-6, B-7 and B-9.

PCBs

- No PCBs were detected above the laboratory reporting limit in any of the soil samples.

Pesticides

- The pesticide 4-4'-DDT was detected at a concentration of 9.6 ug/Kg in soil boring B-4, which is above the Track 1 Unrestricted Use SCO of 3.3 ug/Kg.
- Chlordane was detected in soil from B-5 at a concentration of 290 ug/Kg, however; no SCO exists for that compound.
- No other pesticides were detected in any of the other soil samples.

4.2 Groundwater Sampling Analytical Results

Groundwater samples were collected from Temporary Wells installed in borings B-6, B-8 and B-10. Boring B-1 could not be sampled as the temporary well was dry. Groundwater sampling results were compared to the NYS Part 703 Standards for a Groundwater Source of Drinking Water (Type GA) and are summarized below.

Volatiles

- The compound tetrachloroethene was detected in the groundwater sample from B-10 (23 ug/L) in excess of the guidance value of 5ug/L.
- Several VOCs were also identified slightly above the guidance values in the groundwater sample from B-6.

Semi-Volatiles

- Two SVOC compounds were detected above groundwater standards in B-6. No other SVOCs were identified above laboratory reporting limits in any of the other samples.

Metals

- Several Metals concentrations were identified above class GA groundwater limits in all three of the groundwater samples.

PCBs

- No PCBs were detected above the laboratory reporting limit in any of the groundwater samples.

Pesticides

- The pesticide Chlordane was detected in excess of standards in groundwater samples from B-6 and B-10.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Galli Engineering, P.C. has prepared this Supplemental Phase II Environmental Site Assessment (ESA) report on behalf of Wilder Balter Partners, Inc. This investigation was performed as a result of a NYSDEC request to provide additional sampling and analysis information at the subject Site, required for determination of acceptance of the Site into the Brownfield Clean-up Program.

Based on the analytical data, Galli Engineering concludes the following:

- There is significant Metals contamination present in the soils and groundwater at the subject Site, in excess of suggested NYS guidance valves.
- SVOCs were detected above Track 2 Residential Use SCOs in soil samples collected from four (B-1, B-4, B-6, & B-7) out of ten borings
- VOCs were detected above Track 1 Unrestricted Use SCOs in soil samples from B-4 and B-5.
- The pesticide 4-4'-DDT was detected at a concentration of 9.6 ug/Kg in soil boring B-4, which is above the Track 1 Unrestricted Use SCO of 3.3 ug/Kg.
- Chlordane was detected in soil from B-5 at a concentration of 290 ug/Kg, however; no SCO exists for that compound.
- Two SVOC compounds were detected barely above groundwater standards in B-6.

- The pesticide Chlordane was detected in excess of standards in groundwater samples from B-6 and B-10.

Based upon the information and data collected during this supplemental investigation and summarized above, the contamination identified at the Site exceeds applicable SCOs and groundwater standards, and the contaminants of concern are consistent with historical use of the Site. Therefore the Site meets the definition of a brownfield and should be accepted into the Brownfield Cleanup Program for NYSDEC oversight of the remediation work that will be required.

Table 1
Soil Boring Results - VOCs

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	**Track 2** Residential Use	**Track 1** Unrestricted Use	BF45185 9/24/2013 **B-1 (2-4 FT)** Soil		BF45186 9/24/2013 **B-2 (6-8 FT)** Soil		BF45187 9/24/2013 **B-3 (2-4 FT)** Soil		BF45188 9/24/2013 **B-4 (1-3 FT)** Soil		BF45189 9/24/2013 **B-5 (5-7 FT)** Soil		BF45190 9/24/2013 **B-6 (1-3 FT)** Soil		BF45191 9/24/2013 **B-7 (1-3 FT)** Soil		BF45192 9/24/2013 **B-8 (3-5 FT)** Soil		BF45193 9/24/2013 **B-9 (3-5 FT)** Soil		BF45194 9/24/2013 **B-10 (3-5 FT)** Soil	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260																							
1,1,1,2-Tetrachloroethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,1,1-Trichloroethane	ug/Kg	100,000	680	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,1,2,2-Tetrachloroethane	ug/Kg			ND	8.5	ND	7.2	ND	11	ND	6.7	ND	340	ND	6.8	ND	12	ND	4	ND	8.1	ND	6.7
1,1,2-Trichloroethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,1-Dichloroethane	ug/Kg	19,000	270	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,1-Dichloroethene	ug/Kg	100,000	330	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,1-Dichloropropene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,2,3-Trichlorobenzene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2,3-Trichloropropane	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2,4-Trichlorobenzene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2,4-Trimethylbenzene	ug/Kg	47,000	3,600	ND	14	ND	12	ND	18	ND	330	5,200	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2-Dibromo-3-chloropropane	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2-Dibromoethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,2-Dichlorobenzene	ug/Kg	100,000	1,100	ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,2-Dichloroethane	ug/Kg	2,300	20	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	20	ND	6.6	ND	14	ND	11
1,2-Dichloropropane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,3,5-Trimethylbenzene	ug/Kg	47,000	8,400	ND	14	ND	12	ND	18	ND	330	3,600	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,3-Dichlorobenzene	ug/Kg	17,000	2,400	ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
1,3-Dichloropropane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
1,4-Dichlorobenzene	ug/Kg	9,800	1,800	ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
2,2-Dichloropropane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
2-Chlorotoluene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
2-Hexanone	ug/Kg			ND	70	ND	60	ND	89	ND	56	ND	2,800	ND	57	ND	100	ND	33	ND	68	ND	56
2-Isopropyltoluene	ug/Kg			ND	14	ND	12	ND	18	ND	330	680	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
4-Chlorotoluene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
4-Methyl-2-pentanone	ug/Kg			ND	70	ND	60	ND	89	ND	56	ND	2,800	ND	57	ND	100	ND	33	ND	68	ND	56
Acetone	ug/Kg	100,000	50	ND	50	ND	50	ND	50	ND	50	ND	3,400	ND	50	ND	120	ND	40	ND	50	ND	50
Acrylonitrile	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Benzene	ug/Kg	2,900	60	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Bromobenzene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
Bromochloromethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Bromodichloromethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Bromoform	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Bromomethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Carbon Disulfide	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Carbon tetrachloride	ug/Kg	1,400	760	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Chlorobenzene	ug/Kg	100,000	1,100	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Chloroethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Chloroform	ug/Kg	10,000	370	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Chloromethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
cis-1,2-Dichloroethene	ug/Kg	59,000	250	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
cis-1,3-Dichloropropene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Dibromochloromethane	ug/Kg			ND	8.5	ND	7.2	ND	11	ND	6.7	ND	340	ND	6.8	ND	12	ND	4	ND	8.1	ND	6.7
Dibromomethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Dichlorodifluoromethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Ethylbenzene	ug/Kg	30,000	1,000	ND	14	ND	12	ND	18	ND	11	4,500	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Hexachlorobutadiene	ug/Kg			ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
Isopropylbenzene	ug/Kg			ND	14	ND	12	ND	18	ND	330	2,300	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
m&p-Xylene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Methyl Ethyl Ketone	ug/Kg	100,000	120	ND	85	ND	72	ND	110	ND	67	ND	3,400	ND	68	ND	120	ND	40	ND	81	ND	67
Methyl t-butyl ether (MTBE)	ug/Kg	62,000	930	ND	28	ND	24	ND	36	ND	22	ND	1,100	ND	23	ND	41	ND	13	ND	27	ND	22
Methylene chloride	ug/Kg	51,000	50	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Naphthalene	ug/Kg			ND	14	ND	12	ND	18	ND	330	9,900	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
n-Butylbenzene	ug/Kg	100,000	12,000	ND	14	ND	12	ND	18	ND	330	2,900	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
n-Propylbenzene	ug/Kg	100,000	3,900	ND	14	ND	12	ND	18	ND	330	3,800	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
o-Xylene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
p-Isopropyltoluene	ug/Kg			ND	14	ND	12	ND	18	ND	330	1,500	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
sec-Butylbenzene	ug/Kg	100,000	11,000	ND	14	ND	12	ND	18	ND	330	4,100	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
Styrene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
tert-Butylbenzene	ug/Kg	100,000	5,900	ND	14	ND	12	ND	18	ND	330	ND	560	ND	300	ND	21	ND	6.6	ND	14	ND	11
Tetrachloroethene	ug/Kg	5,500	1,300	ND	14	ND	12	ND	18	2,400	330	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Tetrahydrofuran (THF)	ug/Kg			ND	28	ND	24	ND	36	ND	22	ND	1,100	ND	23	ND	41	ND	13	ND	27	ND	22
Toluene	ug/Kg	100,000	700	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Total Xylenes	ug/Kg		260	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
trans-1,2-Dichloroethene	ug/Kg	100,000	190	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
trans-1,3-Dichloropropene	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
trans-1,4-dichloro-2-butene	ug/Kg			ND	28	ND	24	ND	36	ND	650	ND	1,100	ND	600	ND	41	ND	13	ND	27	ND	22
Trichloroethene	ug/Kg	10,000	470	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Trichlorofluoromethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Trichlorotrifluoroethane	ug/Kg			ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	21	ND	6.6	ND	14	ND	11
Vinyl chloride	ug/Kg	210	20	ND	14	ND	12	ND	18	ND	11	ND	560	ND	11	ND	20	ND	6.6	ND	14	ND	11

RL Exceeds Criteria

Result Exceeds Criteria

Table 2
Soil Boring Results - SVOCs

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	**Track 2** Residential Use	**Track 1** UnRestricted Use	BF45185 9/24/2013 **B-1 (2-4 FT)** Soil		BF45186 9/24/2013 **B-2 (6-8 FT)** Soil		BF45187 9/24/2013 **B-3 (2-4 FT)** Soil		BF45188 9/24/2013 **B-4 (1-3 FT)** Soil		BF45189 9/24/2013 **B-5 (5-7 FT)** Soil		BF45190 9/24/2013 **B-6 (1-3 FT)** Soil		BF45191 9/24/2013 **B-7 (1-3 FT)** Soil		BF45192 9/24/2013 **B-8 (3-5 FT)** Soil		BF45193 9/24/2013 **B-9 (3-5 FT)** Soil		BF45194 9/24/2013 **B-10 (3-5 FT)** Soil	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Semivolatiles By SW 8270																							
1,2,4,5-Tetrachlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
1,2,4-Trichlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
1,2-Dichlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
1,2-Diphenylhydrazine	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
1,3-Dichlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
1,4-Dichlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,4,5-Trichlorophenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,4,6-Trichlorophenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,4-Dichlorophenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,4-Dimethylphenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,4-Dinitrophenol	ug/Kg			ND	3,000	ND	650	ND	600	ND	640	ND	580	ND	1,300	ND	3,000	ND	590	ND	600	ND	580
2,4-Dinitrotoluene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2,6-Dinitrotoluene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2-Chloronaphthalene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2-Chlorophenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2-Methylnaphthalene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	**3,500**	260	**1,100**	560	ND	1,300	ND	260	ND	260	ND	250
2-Methylphenol (o-cresol)	ug/Kg	100,000	330	ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
2-Nitroaniline	ug/Kg			ND	3,000	ND	650	ND	600	ND	640	ND	580	ND	1,300	ND	3,000	ND	590	ND	600	ND	580
2-Nitrophenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
3&4-Methylphenol (m&p-cresol)	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
3,3'-Dichlorobenzidine	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
3-Nitroaniline	ug/Kg			ND	3,000	ND	650	ND	600	ND	640	ND	580	ND	1,300	ND	3,000	ND	590	ND	600	ND	580
4,6-Dinitro-2-methylphenol	ug/Kg			ND	5,500	ND	1,200	ND	1,100	ND	1,200	ND	1,100	ND	2,300	ND	5,500	ND	1,100	ND	1,100	ND	1,000
4-Bromophenyl phenyl ether	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
4-Chloro-3-methylphenol	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
4-Chloroaniline	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
4-Chlorophenyl phenyl ether	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
4-Nitroaniline	ug/Kg			ND	3,000	ND	650	ND	600	ND	640	ND	580	ND	1,300	ND	3,000	ND	590	ND	600	ND	580
4-Nitrophenol	ug/Kg			ND	5,500	ND	1,200	ND	1,100	ND	1,200	ND	1,100	ND	2,300	ND	5,500	ND	1,100	ND	1,100	ND	1,000
Acenaphthene	ug/Kg	100,000	20,000	**5,300**	1,300	ND	290	ND	260	ND	280	**400**	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Acenaphthylene	ug/Kg	100,000	100,000	**1,900**	1,300	ND	290	ND	260	**890**	280	ND	260	ND	560	**1,500**	1,300	ND	260	ND	260	ND	250
Acetophenone	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Aniline	ug/Kg			ND	5,500	ND	1,200	ND	1,100	ND	1,200	ND	1,100	ND	2,300	ND	5,500	ND	1,100	ND	1,100	ND	1,000
Anthracene	ug/Kg	100,000	100,000	**15,000**	1,300	ND	290	ND	260	**390**	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Benz(a)anthracene	ug/Kg	**1,000**	1,000	**39,000**	1,300	ND	290	ND	260	**2,300**	280	ND	260	570	560	**2,700**	1,300	ND	260	ND	260	ND	250
Benzidine	ug/Kg			ND	2,300	ND	490	ND	450	ND	480	ND	440	ND	960	ND	2,300	ND	450	ND	450	ND	430
Benzo(a)pyrene	ug/Kg	**1,000**	1,000	**33,000**	1,300	ND	290	ND	260	**2,800**	280	ND	260	590	560	**2,500**	1,300	ND	260	ND	260	ND	250
Benzo(b)fluoranthene	ug/Kg	**1,000**	1,000	**42,000**	1,300	ND	290	ND	260	**4,600**	280	**270**	260	**1,100**	560	**4,800**	1,300	ND	260	ND	260	ND	250
Benzo(ghi)perylene	ug/Kg	100,000	100,000	**14,000**	1,300	ND	290	ND	260	**1,600**	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Benzo(k)fluoranthene	ug/Kg	**1,000**	800	**21,000**	1,300	ND	290	ND	260	**1,700**	280	ND	260	ND	560	**1,600**	1,300	ND	260	ND	260	ND	250
Benzoic acid	ug/Kg			ND	5,500	ND	1,200	ND	1,100	ND	1,200	ND	1,100	ND	2,300	ND	5,500	ND	1,100	ND	1,100	ND	1,000
Benzyl butyl phthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Bis(2-chloroethoxy)methane	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Bis(2-chloroethyl)ether	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
Bis(2-chloroisopropyl)ether	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Bis(2-ethylhexyl)phthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Carbazole	ug/Kg			**5,000**	2,800	ND	610	ND	560	ND	600	ND	550	ND	1,200	ND	2,800	ND	560	ND	570	ND	540
Chrysene	ug/Kg	**1,000**	1,000	**35,000**	1,300	ND	290	ND	260	**2,400**	280	ND	260	**830**	560	**2,600**	1,300	ND	260	ND	260	ND	250
Dibenz(a,h)anthracene	ug/Kg	**330**	330	**5,500**	1,300	ND	290	ND	260	**520**	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Dibenzofuran	ug/Kg		7,000	**3,100**	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Diethyl phthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Dimethylphthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Di-n-butylphthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Di-n-octylphthalate	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Fluoranthene	ug/Kg	100,000	100,000	**91,000**	1,300	ND	290	ND	260	**3,100**	280	**680**	260	**1,000**	560	**2,700**	1,300	ND	260	ND	260	ND	250
Fluorene	ug/Kg	100,000	30,000	**5,000**	1,300	ND	290	ND	260	ND	280	**710**	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Hexachlorobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Hexachlorobutadiene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Hexachlorocyclopentadiene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Hexachloroethane	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Indeno(1,2,3-cd)pyrene	ug/Kg	**500**	500	**17,000**	1,300	ND	290	ND	260	**1,500**	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Isophorone	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Naphthalene	ug/Kg	100,000	12,000	ND	1,300	ND	290	ND	260	ND	280	**800**	260	**650**	560	ND	1,300	ND	260	ND	260	ND	250
Nitrobenzene	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
N-Nitrosodimethylamine	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
N-Nitrosodi-n-propylamine	ug/Kg			ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
N-Nitrosodiphenylamine	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
Pentachloronitrobenzene	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
Pentachlorophenol	ug/Kg	2,400	800	ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360
Phenanthrene	ug/Kg	100,000	100,000	**53,000**	1,300	ND	290	**260**	260	**640**	280	**1,600**	260	**820**	560	ND	1,300	ND	260	ND	260	ND	250
Phenol	ug/Kg	100,000	330	ND	1,300	ND	290	ND	260	ND	280	ND	260	ND	560	ND	1,300	ND	260	ND	260	ND	250
Pyrene	ug/Kg	100,000	100,000	**69,000**	1,300	ND	290	ND	260	**3,000**	280	**720**	260	**940**	560	**3,200**	1,300	ND	260	ND	260	ND	250
Pyridine	ug/Kg			ND	1,900	ND	410	ND	370	ND	400	ND	370	ND	800	ND	1,900	ND	370	ND	380	ND	360

RL Exceeds Criteria

Result Exceeds Criteria

TABLE 3
Soil Boring Results - Metals and PCBs

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : LARCHMONT	Lab Sample Id Collection Date Client Id Matrix Units	**Track 1** Residential Use	**Track 2** UnRestricted Use	BF45185 9/24/2013 **B-1 (2-4 FT)** Soil		BF45186 9/24/2013 **B-2 (6-8 FT)** Soil		BF45187 9/24/2013 **B-3 (2-4 FT)** Soil		BF45188 9/24/2013 **B-4 (1-3 FT)** Soil		BF45189 9/24/2013 **B-5 (5-7 FT)** Soil		BF45190 9/24/2013 **B-6 (1-3 FT)** Soil		BF45191 9/24/2013 **B-7 (1-3 FT)** Soil		BF45192 9/24/2013 **B-8 (3-5 FT)** Soil		BF45193 9/24/2013 **B-9 (3-5 FT)** Soil		BF45194 9/24/2013 **B-10 (3-5 FT)** Soil	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Metals, Total																							
Aluminum	mg/Kg			7,570	61	18,200	62	4,500	60	10,100	56	13,200	59	8,000	64	7,940	59	15,000	53	18,100	51	17,500	56
Antimony	mg/Kg			BRL	4.1	BRL	4.1	BRL	4	BRL	3.8	BRL	4	BRL	5	BRL	8	BRL	3.6	BRL	3.4	BRL	3.8
Arsenic	mg/Kg	**16**	13	17	0.8	1.7	0.8	4.4	0.8	**17.6**	0.8	1.3	0.8	10.5	0.8	**40.1**	0.8	2	0.7	BRL	0.7	1.1	0.8
Barium	mg/Kg	350	350	96.8	0.41	69	0.41	77.8	0.4	79.7	0.38	176	0.4	79.5	0.42	63.2	0.39	153	0.36	123	0.34	144	0.38
Beryllium	mg/Kg	14	7.2	BRL	0.32	0.44	0.33	BRL	0.32	0.4	0.3	0.34	0.32	0.35	0.34	BRL	0.32	0.41	0.28	0.58	0.27	0.44	0.3
Cadmium	mg/Kg	**2.5**	2.5	**3.19**	0.41	1.06	0.41	0.79	0.4	1.49	0.38	1.12	0.4	1.26	0.42	2.31	0.39	1.26	0.36	1.52	0.34	1.12	0.38
Calcium	mg/Kg			23,000	61	818	6.2	2,170	6	2,680	5.6	4,780	5.9	4,580	6.4	4,060	5.9	1,630	5.3	1,600	5.1	1,140	5.6
Chromium	mg/Kg		1	73.5	0.41	30.6	0.41	12.7	0.4	18.1	0.38	35	0.4	18.4	0.42	17.5	0.39	34.7	0.36	38.9	0.34	41.4	0.38
Cobalt	mg/Kg			10.4	0.41	10.3	0.41	11.7	0.4	9.67	0.38	12.8	0.4	10.1	0.42	12	0.39	14.4	0.36	23.7	0.34	13	0.38
Copper	mg/Kg	270	50	147	0.41	8.24	0.41	34.6	0.4	66.4	0.38	34.2	0.4	68.4	4.2	161	3.9	31.6	3.6	90.9	0.34	38.4	0.38
Iron	mg/Kg			29,600	61	30,400	62	18,400	60	23,300	56	27,800	59	29,400	64	40,100	59	30,100	53	33,200	51	25,400	56
Lead	mg/Kg	**400**	63	**477**	4.1	7.66	0.41	22.1	0.4	95.5	0.38	9.46	0.4	116	0.42	229	3.9	7	0.36	7.26	0.34	5.79	0.38
Magnesium	mg/Kg			4,220	6.1	6,160	62	1,140	60	2,730	5.6	6,520	5.9	2,920	6.4	3,080	5.9	7,270	53	8,860	51	6,950	56
Manganese	mg/Kg	2,000	1,600	315	4.1	126	4.1	223	4	245	3.8	526	4	337	4.2	399	3.9	556	3.6	715	3.4	424	3.8
Mercury	mg/Kg	0.81	0.18	0.12	0.08	BRL	0.08	BRL	0.06	BRL	0.09	BRL	0.06	BRL	0.07	0.12	0.07	BRL	0.08	BRL	0.07	BRL	0.06
Nickel	mg/Kg	140	30	21.7	0.41	17.9	0.41	23.7	0.4	18.1	0.38	27.2	0.4	17.6	0.42	20.8	0.39	24	0.36	35.8	0.34	24.8	0.38
Potassium	mg/Kg			708	6.1	1,160	62	1,110	6	1,050	5.6	5,430	59	2,240	64	905	59	6,000	53	6,650	51	5,940	56
Selenium	mg/Kg	36	3.9	BRL	1.6	BRL	1.6	BRL	1.6	BRL	1.5	BRL	1.6	BRL	1.7	BRL	1.6	BRL	1.4	BRL	2.5	BRL	1.5
Silver	mg/Kg	36	2	BRL	0.41	BRL	0.41	BRL	0.4	BRL	0.38	BRL	0.4	BRL	0.42	BRL	0.39	BRL	0.36	BRL	0.34	BRL	0.38
Sodium	mg/Kg			415	6.1	112	6.2	119	6	211	5.6	218	5.9	287	6.4	298	5.9	134	5.3	299	5.1	196	5.6
Thallium	mg/Kg			BRL	3.7	BRL	3.7	BRL	3.6	BRL	3.4	BRL	3.6	BRL	3.8	BRL	3.6	BRL	3.2	BRL	3.1	BRL	3.4
Vanadium	mg/Kg			38.6	0.41	51.6	0.41	18.5	0.4	34.3	0.38	41.7	0.4	29.3	0.42	41.1	0.39	46.8	0.36	66.7	0.34	43	0.38
Zinc	mg/Kg	2,200	109	391	4.1	40.6	0.41	41.6	0.4	139	0.38	58.5	0.4	97.9	0.42	222	3.9	59.5	0.36	74.4	0.34	50.2	0.38
PCBs By SW 8082																							
PCB-1016	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1221	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1232	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1242	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1248	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1254	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1260	ug/Kg	1,000	100	ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1262	ug/Kg			ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72
PCB-1268	ug/Kg			ND	75	ND	80	ND	75	ND	81	ND	75	ND	79	ND	75	ND	74	ND	75	ND	72

Result Exceeds Criteria

Table 4
Soil Boring Results - Pesticides and Herbicides

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	**Track 2** Residential Use	**Track 1** Unrestricted Use	BF45185 9/24/2013 **B-1 (2-4 FT)** Soil		BF45186 9/24/2013 **B-2 (6-8 FT)** Soil		BF45187 9/24/2013 **B-3 (2-4 FT)** Soil		BF45188 9/24/2013 **B-4 (1-3 FT)** Soil		BF45189 9/24/2013 **B-5 (5-7 FT)** Soil		BF45190 9/24/2013 **B-6 (1-3 FT)** Soil		BF45191 9/24/2013 **B-7 (1-3 FT)** Soil		BF45192 9/24/2013 **B-8 (3-5 FT)** Soil		BF45193 9/24/2013 **B-9 (3-5 FT)** Soil		BF45194 9/24/2013 **B-10 (3-5 FT)** Soil	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides By SW8081																							
4,4' -DDD	ug/Kg	2,600	3.3	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND*	7.2	ND	2.2	ND	2.2	ND	2.2
4,4' -DDE	ug/Kg	1,800	3.3	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND	2.7	ND	2.2	ND	2.2	ND	2.2
4,4' -DDT	ug/Kg	1,700	**3.3**	ND*	12	ND	2.4	ND	2.2	**9.6**	2.4	ND	2.2	ND	2.4	ND*	7.5	ND	2.2	ND	2.2	ND	2.2
a-BHC	ug/Kg	97	20	ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Alachlor	ug/Kg			ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Aldrin	ug/Kg	19	5	ND	1.1	ND	1.2	ND	1.1	ND	1.2	ND	1.1	ND	1.2	ND	1.1	ND	1.1	ND	1.1	ND	1.1
b-BHC	ug/Kg	72	36	ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Chlordane	ug/Kg			ND	11	ND	12	ND	11	ND	12	290	11	ND	12	ND	11	ND	11	53	11	ND	11
d-BHC	ug/Kg	100,000	40	ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Dieldrin	ug/Kg	39	5	ND	1.9	ND	1.2	ND	1.1	ND	1.2	ND	1.1	ND	4	ND*	9	ND	1.1	ND	1.1	ND	1.1
Endosulfan I	ug/Kg	4,800	2,400	ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Endosulfan II	ug/Kg	4,800	2,400	ND	7.2	ND	7.7	ND	7.2	ND	7.8	ND	7.2	ND	7.6	ND	7.2	ND	7.1	ND	7.2	ND	6.9
Endosulfan sulfate	ug/Kg	4,800	2,400	ND	7.2	ND	7.7	ND	7.2	ND	7.8	ND	7.2	ND	7.6	ND	7.2	ND	7.1	ND	7.2	ND	6.9
Endrin	ug/Kg	2,200	14	ND	11	ND	7.7	ND	7.2	ND	7.8	ND	7.2	ND	7.6	ND	7.2	ND	7.1	ND	7.2	ND	6.9
Endrin aldehyde	ug/Kg			ND	7.2	ND	7.7	ND	7.2	ND	7.8	ND	7.2	ND	7.6	ND	7.2	ND	7.1	ND	7.2	ND	6.9
Endrin ketone	ug/Kg			ND	7.2	ND	7.7	ND	7.2	ND	7.8	ND	7.2	ND	7.6	ND	7.2	ND	7.1	ND	7.2	ND	6.9
g-BHC	ug/Kg	280	100	ND	1.1	ND	1.2	ND	1.1	ND	1.2	ND	1.1	ND	1.2	ND	1.1	ND	1.1	ND	1.1	ND	1.1
Heptachlor	ug/Kg	420	42	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND	2.2	ND	2.4	ND	2.2	ND	2.2	ND	2.2	ND	2.2
Heptachlor epoxide	ug/Kg			ND	3.6	ND	3.8	ND	3.6	ND	3.9	ND	3.6	ND	3.8	ND	3.6	ND	3.5	ND	3.6	ND	3.4
Methoxychlor	ug/Kg			ND	45	ND	38	ND	36	ND	39	ND	36	ND	38	ND	36	ND	35	ND	36	ND	34
Toxaphene	ug/Kg			ND	36	ND	38	ND	36	ND	39	ND	36	ND	38	ND	36	ND	35	ND	36	ND	34
Chlorinated Herbicides By SW8151																							
2,4,5-T	ug/Kg			ND	47	ND	51	ND	47	ND	51	ND	46	ND	50	ND	47	ND	47	ND	47	ND	46
2,4,5-TP (Silvex)	ug/Kg	58,000	3,800	ND	47	ND	51	ND	47	ND	51	ND	46	ND	50	ND	47	ND	47	ND	47	ND	46
2,4-D	ug/Kg			ND	47	ND	51	ND	47	ND	51	ND	46	ND	50	ND	47	ND	47	ND	47	ND	46
2,4-DB	ug/Kg			ND	470	ND	510	ND	470	ND	510	ND	460	ND	500	ND	470	ND	470	ND	470	ND	460
Dalapon	ug/Kg			ND	47	ND	51	ND	47	ND	51	ND	46	ND	50	ND	47	ND	47	ND	47	ND	46
Dicamba	ug/Kg			ND	94	ND	100	ND	94	ND	100	ND	92	ND	99	ND	94	ND	94	ND	94	ND	92
Dichloroprop	ug/Kg			ND	47	ND	51	ND	47	ND	51	ND	46	ND	50	ND	47	ND	47	ND	47	ND	46
Dinoseb	ug/Kg			ND	94	ND	100	ND	94	ND	100	ND	92	ND	99	ND	94	ND	94	ND	94	ND	92

RL Exceeds Criteria

Result Exceeds Criteria

Table 5
Groundwater Sampling Data - VOCs

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	TOGS-WQ/GA	BF45882 9/25/2013 **TW-B-6** Groundwater Result	RL	BF45883 9/25/2013 **TW-B-8** Groundwater Result	RL	BF45881 9/25/2013 **TW-B-10** Groundwater Result	RL
Volatiles By SW8260								
1,1,1,2-Tetrachloroethane	ug/L	5	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	ug/L	5	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	ug/L	5	ND	0.5	ND	0.5	ND	0.5
1,1,2-Trichloroethane	ug/L	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	ug/L	5	ND	1	ND	1	ND	1
1,1-Dichloroethene	ug/L	5	ND	1	ND	1	ND	1
1,1-Dichloropropene	ug/L	5	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene	ug/L		ND	1	ND	1	ND	1
1,2,3-Trichloropropane	ug/L	0.04	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene	ug/L		ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	ug/L	**5**	**9.2**	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	ug/L	0.04	ND	1	ND	1	ND	1
1,2-Dibromoethane	ug/L	0.0006	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	ug/L		ND	1	ND	1	ND	1
1,2-Dichloroethane	ug/L	0.6	ND	0.6	ND	0.6	ND	0.6
1,2-Dichloropropane	ug/L	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	ug/L	**5**	**5.8**	1	ND	1	ND	1
1,3-Dichlorobenzene	ug/L	3	ND	1	ND	1	ND	1
1,3-Dichloropropane	ug/L	5	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	ug/L		ND	1	ND	1	ND	1
2,2-Dichloropropane	ug/L	5	ND	1	ND	1	ND	1
2-Chlorotoluene	ug/L	5	ND	1	ND	1	ND	1
2-Hexanone	ug/L	50	ND	5	ND	5	ND	5
2-Isopropyltoluene	ug/L	5	1	1	ND	1	ND	1
4-Chlorotoluene	ug/L	5	ND	1	ND	1	ND	1
4-Methyl-2-pentanone	ug/L		ND	5	ND	5	ND	5
Acetone	ug/L	50	ND	25	ND	25	ND	25
Acrylonitrile	ug/L	5	ND	5	ND	5	ND	5
Benzene	ug/L	1	ND	0.7	ND	0.7	ND	0.7
Bromobenzene	ug/L	5	ND	1	ND	1	ND	1
Bromochloromethane	ug/L	5	ND	1	ND	1	ND	1
Bromodichloromethane	ug/L	50	ND	0.5	ND	0.5	ND	0.5
Bromoform	ug/L	50	ND	1	ND	1	ND	1
Bromomethane	ug/L	5	ND	1	ND	1	ND	1
Carbon Disulfide	ug/L		ND	5	ND	5	ND	5
Carbon tetrachloride	ug/L	5	ND	1	ND	1	ND	1
Chlorobenzene	ug/L	5	ND	1	ND	1	ND	1
Chloroethane	ug/L	5	ND	1	ND	1	ND	1
Chloroform	ug/L	7	ND	1	ND	1	ND	1
Chloromethane	ug/L	5	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	ug/L	5	ND	1	ND	1	2.8	1
cis-1,3-Dichloropropene	ug/L	0.4	ND	0.5	ND	0.5	ND	0.5
Dibromochloromethane	ug/L	50	ND	0.5	ND	0.5	ND	0.5
Dibromomethane	ug/L	5	ND	1	ND	1	ND	1
Dichlorodifluoromethane	ug/L	5	ND	1	ND	1	ND	1
Ethylbenzene	ug/L	**5**	**5.8**	1	ND	1	ND	1
Hexachlorobutadiene	ug/L	0.5	ND	0.4	ND	0.4	ND	0.4
Isopropylbenzene	ug/L	5	4.7	1	ND	1	ND	1
m&p-Xylene	ug/L		ND	1	ND	1	ND	1
Methyl ethyl ketone	ug/L	50	ND	5	ND	5	ND	5
Methyl t-butyl ether (MTBE)	ug/L		ND	1	ND	1	ND	1
Methylene chloride	ug/L	5	ND	1	ND	1	ND	1
Naphthalene	ug/L	**10**	**29**	1	ND	1	ND	1
n-Butylbenzene	ug/L	5	3	1	ND	1	ND	1
n-Propylbenzene	ug/L	**5**	**6.5**	1	ND	1	ND	1
o-Xylene	ug/L	5	ND	1	ND	1	ND	1
p-Isopropyltoluene	ug/L	5	1.6	1	ND	1	ND	1
sec-Butylbenzene	ug/L	5	5	1	ND	1	ND	1
Styrene	ug/L	5	ND	1	ND	1	ND	1
tert-Butylbenzene	ug/L	5	ND	1	ND	1	ND	1
Tetrachloroethene	ug/L	**5**	ND	1	ND	1	**23**	1
Tetrahydrofuran (THF)	ug/L	50	ND	2.5	ND	2.5	ND	2.5
Toluene	ug/L	5	ND	1	ND	1	ND	1
Total Xylenes	ug/L	5	ND	1	ND	1	ND	1
trans-1,2-Dichloroethene	ug/L	5	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene	ug/L	0.4	ND	0.5	ND	0.5	ND	0.5
trans-1,4-dichloro-2-butene	ug/L	5	ND	5	ND	5	ND	5
Trichloroethene	ug/L	5	ND	1	ND	1	2.3	1
Trichlorofluoromethane	ug/L	5	ND	1	ND	1	ND	1
Trichlorotrifluoroethane	ug/L	5	ND	1	ND	1	ND	1
Vinyl chloride	ug/L	2	ND	1	ND	1	ND	1

RL Exceeds Criteria

Result Exceeds Criteria

Table 6
Groundwater Sampling Data - SVOCs

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	TOGS-WQ/GA	BF45882 9/25/2013 **TW-B-6** Groundwater Result	RL	BF45883 9/25/2013 **TW-B-8** Groundwater Result	RL	BF45881 9/25/2013 **TW-B-10** Groundwater Result	RL
Semivolatiles By SW8270 (SIM)								
1,2,4,5-Tetrachlorobenzene	ug/L		ND	1.6	ND	1.7	ND	1.6
Acenaphthene	ug/L	20	2.8	0.05	ND	0.053	ND	0.05
Acenaphthylene	ug/L		0.58	0.05	ND	0.053	ND	0.05
Benz(a)anthracene	ug/L	0.002	**0.07**	0.04	ND	0.042	ND	0.04
Benzo(a)pyrene	ug/L		ND	0.05	ND	0.053	ND	0.05
Benzo(b)fluoranthene	ug/L	0.002	ND	0.05	ND	0.053	ND	0.05
Benzo(ghi)perylene	ug/L		ND	3	ND	3.2	ND	3
Benzo(k)fluoranthene	ug/L	0.002	ND	0.05	ND	0.053	ND	0.05
Bis(2-ethylhexyl)phthalate	ug/L	5	ND	1.6	ND	1.7	ND	1.6
Chrysene	ug/L	0.002	**0.06**	0.05	ND	0.053	ND	0.05
Dibenz(a,h)anthracene	ug/L		ND	0.01	ND	0.011	ND	0.01
Hexachlorobenzene	ug/L	0.04	ND	0.06	ND	0.063	ND	0.06
Hexachloroethane	ug/L	5	ND	2.4	ND	2.5	ND	2.4
Indeno(1,2,3-cd)pyrene	ug/L	0.002	ND	0.05	ND	0.053	ND	0.05
Pentachloronitrobenzene	ug/L		ND	0.1	ND	0.11	ND	0.1
Pentachlorophenol	ug/L	1	ND	0.8	ND	0.84	ND	0.8
Phenanthrene	ug/L	50	7.2	0.05	ND	0.053	ND	0.05
Pyridine	ug/L	50	ND	0.5	ND	0.53	ND	0.5
Semivolatiles By SW8270								
1,2,4-Trichlorobenzene	ug/L		ND	5	ND	5.3	ND	5
1,2-Dichlorobenzene	ug/L		ND	5	ND	5.3	ND	5
1,2-Diphenylhydrazine	ug/L		ND	5	ND	5.3	ND	5
1,3-Dichlorobenzene	ug/L	3	ND	5	ND	5.3	ND	5
1,4-Dichlorobenzene	ug/L		ND	5	ND	5.3	ND	5
2,4,5-Trichlorophenol	ug/L	1	ND	10	ND	11	ND	10
2,4,6-Trichlorophenol	ug/L	1	ND	10	ND	11	ND	10
2,4-Dichlorophenol	ug/L	5	ND	10	ND	11	ND	10
2,4-Dimethylphenol	ug/L	1	ND	10	ND	11	ND	10
2,4-Dinitrophenol	ug/L	5	ND	50	ND	53	ND	50
2,4-Dinitrotoluene	ug/L	5	ND	5	ND	5.3	ND	5
2,6-Dinitrotoluene	ug/L	5	ND	5	ND	5.3	ND	5
2-Chloronaphthalene	ug/L	10	ND	5	ND	5.3	ND	5
2-Chlorophenol	ug/L	1	ND	10	ND	11	ND	10
2-Methylnaphthalene	ug/L		33	5	ND	5.3	ND	5
2-Methylphenol (o-cresol)	ug/L	1	ND	10	ND	11	ND	10
2-Nitroaniline	ug/L	5	ND	50	ND	53	ND	50
2-Nitrophenol	ug/L	1	ND	10	ND	11	ND	10
3&4-Methylphenol (m&p-cresol)	ug/L		ND	10	ND	11	ND	10
3,3'-Dichlorobenzidine	ug/L	5	ND	50	ND	53	ND	50
3-Nitroaniline	ug/L	5	ND	50	ND	53	ND	50
4,6-Dinitro-2-methylphenol	ug/L	1	ND	50	ND	53	ND	50
4-Bromophenyl phenyl ether	ug/L		ND	5	ND	5.3	ND	5
4-Chloro-3-methylphenol	ug/L	1	ND	20	ND	21	ND	20
4-Chloroaniline	ug/L	5	ND	20	ND	21	ND	20
4-Chlorophenyl phenyl ether	ug/L		ND	5	ND	5.3	ND	5
4-Nitroaniline	ug/L	5	ND	20	ND	21	ND	20
4-Nitrophenol	ug/L	1	ND	50	ND	53	ND	50
Acetophenone	ug/L		ND	5	ND	5.3	ND	5
Aniline	ug/L	5	ND	10	ND	11	ND	10
Anthracene	ug/L	50	ND	5	ND	5.3	ND	5
Benzidine	ug/L	5	ND	50	ND	53	ND	50
Benzoic acid	ug/L		ND	50	ND	53	ND	50
Benzyl butyl phthalate	ug/L	50	ND	5	ND	5.3	ND	5
Bis(2-chloroethoxy)methane	ug/L	5	ND	5	ND	5.3	ND	5
Bis(2-chloroethyl)ether	ug/L	1	ND	5	ND	5.3	ND	5
Bis(2-chloroisopropyl)ether	ug/L		ND	5	ND	5.3	ND	5
Carbazole	ug/L		ND	5	ND	5.3	ND	5
Dibenzofuran	ug/L		ND	5	ND	5.3	ND	5
Diethyl phthalate	ug/L	50	ND	5	ND	5.3	ND	5
Dimethylphthalate	ug/L	50	ND	5	ND	5.3	ND	5
Di-n-butylphthalate	ug/L	50	ND	5	ND	5.3	ND	5
Di-n-octylphthalate	ug/L	50	ND	5	ND	5.3	ND	5
Fluoranthene	ug/L	50	ND	5	ND	5.3	ND	5
Fluorene	ug/L	50	ND	5	ND	5.3	ND	5
Hexachlorobutadiene	ug/L	0.5	ND	5	ND	5.3	ND	5
Hexachlorocyclopentadiene	ug/L	5	ND	5	ND	5.3	ND	5
Isophorone	ug/L	50	ND	5	ND	5.3	ND	5
Naphthalene	ug/L	10	8.8	5	ND	5.3	ND	5
Nitrobenzene	ug/L	0.4	ND	5	ND	5.3	ND	5
N-Nitrosodimethylamine	ug/L		ND	5	ND	5.3	ND	5
N-Nitrosodi-n-propylamine	ug/L		ND	5	ND	5.3	ND	5
N-Nitrosodiphenylamine	ug/L	50	ND	5	ND	5.3	ND	5
Phenol	ug/L	1	ND	5	ND	5.3	ND	5
Pyrene	ug/L	50	ND	5	ND	5.3	ND	5

RL Exceeds Criteria

Result Exceeds Criteria

Table 7
Groundwater Sampling Results - Metals

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix		BF45882 9/25/2013 **TW-B-6** Groundwater		BF45883 9/25/2013 **TW-B-8** Groundwater		BF45881 9/25/2013 **TW-B-10** Groundwater	
	Units	TOGS-WQ/GA	Result	RL	Result	RL	Result	RL
Metals, Total								
Aluminum	mg/L	0.1	166	0.1	14.3	0.01	149	0.1
Aluminum (Dissolved)	mg/L	0.1	2.09	0.01	0.71	0.01	0.31	0.01
Antimony	mg/L	0.003	BRL	0.005	BRL	0.005	BRL	0.005
Antimony (Dissolved)	mg/L	0.003	BRL	0.005	BRL	0.005	BRL	0.005
Arsenic	mg/L	0.025	0.018	0.004	BRL	0.004	0.011	0.004
Arsenic (Dissolved)	mg/L	0.025	BRL	0.004	BRL	0.004	BRL	0.004
Barium	mg/L	1	2.9	0.002	0.22	0.002	1.4	0.002
Barium (Dissolved)	mg/L	1	0.081	0.002	0.086	0.002	0.097	0.002
Beryllium	mg/L	0.003	0.009	0.001	BRL	0.001	0.005	0.001
Beryllium (Dissolved)	mg/L	0.003	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	mg/L	0.005	0.013	0.001	BRL	0.001	0.011	0.001
Cadmium (Dissolved)	mg/L	0.005	BRL	0.001	BRL	0.001	BRL	0.001
Calcium	mg/L		205	0.1	52.6	0.01	54.7	0.01
Calcium (Dissolved)	mg/L		76.8	0.01	53.7	0.01	42.6	0.01
Chromium	mg/L	0.05	0.471	0.001	0.054	0.001	0.401	0.001
Chromium (Dissolved)	mg/L	0.05	0.005	0.001	0.003	0.001	0.001	0.001
Cobalt	mg/L		0.478	0.002	0.017	0.002	0.189	0.002
Cobalt (Dissolved)	mg/L		0.003	0.001	0.005	0.001	0.012	0.001
Copper	mg/L	0.2	0.912	0.005	0.043	0.005	0.74	0.005
Copper (Dissolved)	mg/L	0.2	0.008	0.005	BRL	0.005	BRL	0.005
Iron	mg/L	0.3	428	0.1	23	0.01	385	0.1
Iron (Dissolved)	mg/L	0.3	3.2	0.011	0.945	0.011	0.332	0.011
Lead	mg/L	0.025	0.09	0.002	0.006	0.002	0.114	0.002
Lead (Dissolved)	mg/L	0.025	BRL	0.002	BRL	0.002	BRL	0.002
Magnesium	mg/L	35	115	0.1	19.6	0.01	67.8	0.01
Magnesium (Dissolved)	mg/L	35	14.1	0.01	14.7	0.01	10.8	0.01
Manganese	mg/L	0.3	32.7	0.1	2.14	0.01	10.9	0.01
Manganese (Dissolved)	mg/L	0.3	0.435	0.001	2.21	0.011	3.56	0.011
Mercury	mg/L	0.0007	BRL	0.0002	BRL	0.0002	BRL	0.0002
Mercury (Dissolved)	mg/L	0.0007	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	mg/L	0.1	0.586	0.001	0.039	0.001	0.325	0.001
Nickel (Dissolved)	mg/L	0.1	0.006	0.001	0.012	0.001	0.012	0.001
Potassium	mg/L		96.8	1	18.1	0.1	74.6	1
Potassium (Dissolved)	mg/L		12.9	0.1	11.5	0.1	10.7	0.1
Selenium	mg/L	0.01	BRL	0.01	BRL	0.01	BRL	0.01
Selenium (Dissolved)	mg/L	0.01	BRL	0.011	BRL	0.011	BRL	0.011
Silver	mg/L	0.05	BRL	0.002	BRL	0.001	BRL	0.001
Silver (Dissolved)	mg/L	0.05	BRL	0.001	BRL	0.001	BRL	0.001
Sodium	mg/L	20	154	0.1	73.7	0.1	110	0.1
Sodium (Dissolved)	mg/L	20	191	1.1	65.9	1.1	135	1.1
Thallium	mg/L	0.0005	BRL	0.002	BRL	0.002	BRL	0.002
Thallium (Dissolved)	mg/L	0.0005	BRL	0.002	BRL	0.002	BRL	0.002
Vanadium	mg/L		0.486	0.002	0.037	0.002	0.495	0.002
Vanadium (Dissolved)	mg/L		0.008	0.002	BRL	0.002	BRL	0.002
Zinc	mg/L	5	0.822	0.002	0.059	0.002	0.602	0.002
Zinc (Dissolved)	mg/L	5	0.01	0.002	0.004	0.002	0.002	0.002

RL Exceeds Criteria

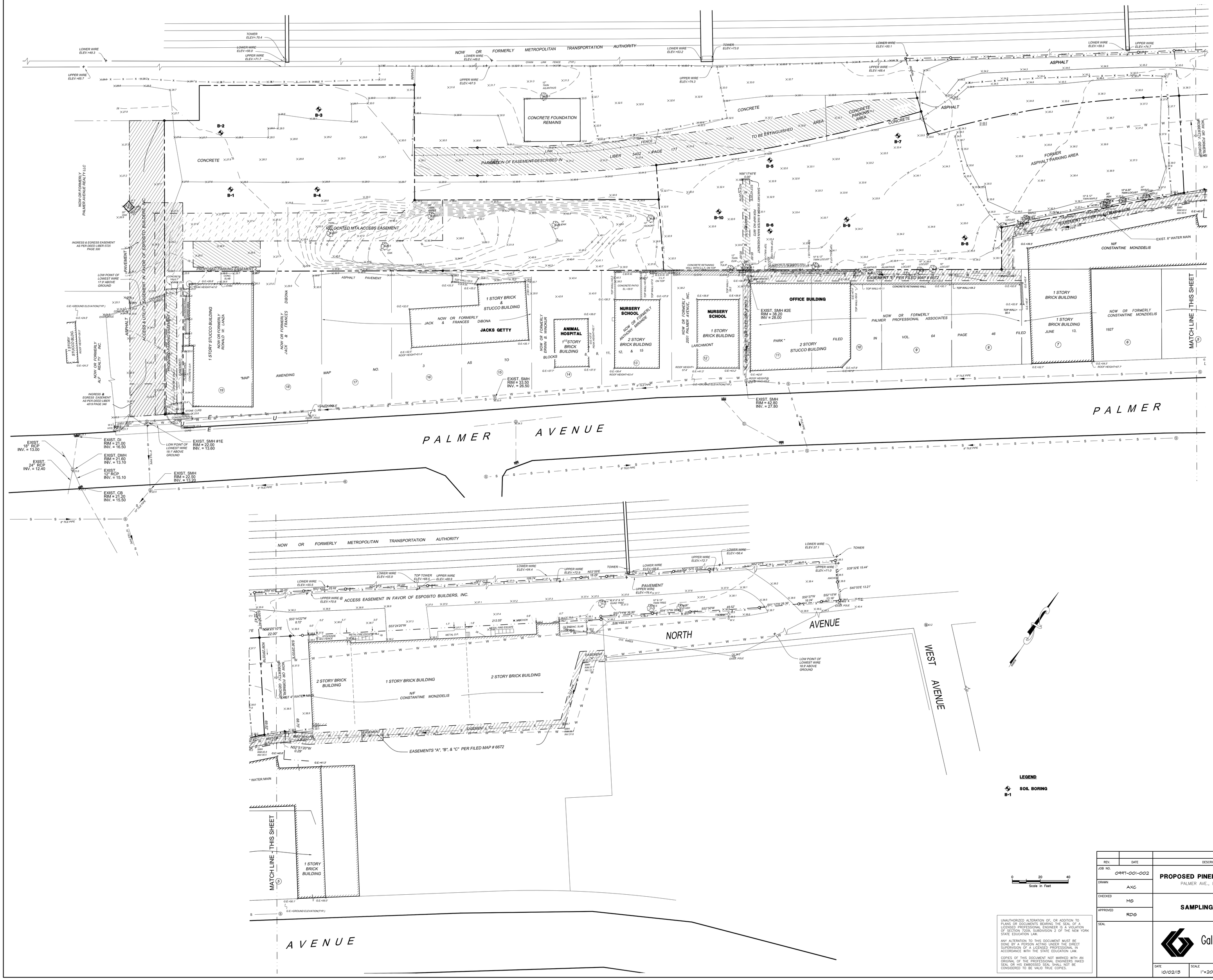
Result Exceeds Criteria

Table 8
Groundwater Sampling Results - PCBs and Pesticides

Phoenix Environmental Labs 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 **Project Id : LARCHMONT**	Lab Sample Id Collection Date Client Id Matrix Units	TOGS-WQ/GA	BF45882 9/25/2013 **TW-B-6** Groundwater		BF45883 9/25/2013 **TW-B-8** Groundwater		BF45881 9/25/2013 **TW-B-10** Groundwater	
			Result	RL	Result	RL	Result	RL
PCBs By 8082								
PCB-1016	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1221	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1232	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1242	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1248	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1254	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1260	ug/L	0.09	ND	0.05	ND	0.05	ND	0.056
PCB-1262	ug/L		ND	0.05	ND	0.05	ND	0.056
PCB-1268	ug/L		ND	0.05	ND	0.05	ND	0.056
Pesticides By SW8081								
4,4' -DDD	ug/L	0.3	ND*	0.5	ND	0.01	ND	0.01
4,4' -DDE	ug/L	0.2	ND*	0.5	ND	0.01	ND	0.01
4,4' -DDT	ug/L	0.2	ND*	0.5	ND	0.01	ND	0.01
a-BHC	ug/L	0.01	ND*	0.25	ND	0.01	ND	0.01
Alachlor	ug/L	0.5	ND*	0.75	ND	0.075	ND	0.083
Aldrin	ug/L		ND*	0.015	ND	0.002	ND	0.003
b-BHC	ug/L	0.04	ND*	0.05	ND	0.005	ND	0.006
Chlordane	ug/L	**0.05**	**0.29**	0.2	ND	0.05	**0.65**	0.33
d-BHC	ug/L	0.04	ND*	0.25	ND	0.025	ND	0.028
Dieldrin	ug/L	0.004	ND*	0.015	ND	0.002	ND	0.002
Endosulfan I	ug/L		ND*	0.5	ND	0.05	ND	0.056
Endosulfan II	ug/L		ND*	0.5	ND	0.05	ND	0.056
Endosulfan Sulfate	ug/L		ND*	0.5	ND	0.05	ND	0.056
Endrin	ug/L		ND*	0.5	ND	0.01	ND	0.01
Endrin Aldehyde	ug/L	5	ND*	0.5	ND	0.05	ND	0.056
Endrin ketone	ug/L	5	ND*	0.5	ND	0.05	ND	0.056
g-BHC (Lindane)	ug/L	0.05	ND*	0.25	ND	0.025	ND	0.028
Heptachlor	ug/L	0.04	ND*	0.25	ND	0.01	ND	0.01
Heptachlor epoxide	ug/L	0.03	ND*	0.25	ND	0.01	ND	0.01
Methoxychlor	ug/L	35	ND*	1	ND	0.1	ND	0.11
Toxaphene	ug/L	0.06	ND*	10	ND	0.25	ND	0.28

RL Exceeds Criteria

Result Exceeds Criteria



LEGEND

B-1 **SOIL BORING**

0 20 40
Scale in Feet

UNAUTHORIZED ALTERATION OF, OR ADDITION TO PLANS OR DOCUMENTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ANY ALTERATION TO THIS DOCUMENT MUST BE DONE BY A PERSON ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL IN ACCORDANCE WITH THE STATE EDUCATION LAW.

COPIES OF THIS DOCUMENT NOT MARKED WITH AN ORIGINAL OF THE PROFESSIONAL ENGINEERS INKED SEAL OR HIS EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE VALID TRUE COPIES.

REV.	DATE	DESCRIPTION	BY

JOB NO. 0997-001-002

DRAWN AXC

CHECKED MG

APPROVED RDS

SEAL

PROPOSED PINEBROOK CONDOMINIUMS

PALMER AVE., LARCHMONT, N.Y. 10538

SAMPLING LOCATION MAP

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402A
Melville, New York 11747

DATE 10/02/15 | SCALE 1"=20' | DRAWING NO. 1

APPENDIX A
LABORATORY ANALYTICAL REPORTS

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 03, 2013

Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Project ID: LARCHMONT
Sample ID#s: BF45185 - BF45196

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	10:00
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45185

Project ID: LARCHMONT
Client ID: B-1 (2-4 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	09/28/13	LK	SW6010
Aluminum	7570	61	mg/Kg	09/28/13	LK	SW6010
Arsenic	17.0	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	96.8	0.41	mg/Kg	09/28/13	LK	SW6010
Beryllium	< 0.32	0.32	mg/Kg	09/28/13	LK	SW6010
Calcium	23000	61	mg/Kg	09/28/13	LK	SW6010
Cadmium	3.19	0.41	mg/Kg	09/28/13	LK	SW6010
Cobalt	10.4	0.41	mg/Kg	09/28/13	LK	SW6010
Chromium	73.5	0.41	mg/Kg	09/28/13	LK	SW6010
Copper	147	0.41	mg/kg	09/28/13	LK	SW6010
Iron	29600	61	mg/Kg	09/28/13	LK	SW6010
Mercury	0.12	0.08	mg/Kg	09/26/13	RS	SW-7471
Potassium	708	6.1	mg/Kg	09/28/13	LK	SW6010
Magnesium	4220	6.1	mg/Kg	09/28/13	LK	SW6010
Manganese	315	4.1	mg/Kg	09/28/13	LK	SW6010
Sodium	415	6.1	mg/Kg	09/28/13	LK	SW6010
Nickel	21.7	0.41	mg/Kg	09/28/13	LK	SW6010
Lead	477	4.1	mg/Kg	09/28/13	LK	SW6010
Antimony	< 4.1	4.1	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.7	3.7	mg/Kg	09/28/13	LK	SW6010
Vanadium	38.6	0.41	mg/Kg	09/28/13	LK	SW6010
Zinc	391	4.1	mg/Kg	09/28/13	LK	SW6010
Percent Solid	88		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-1 (2-4 FT)

Phoenix I.D.: BF45185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	470	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	94	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	94	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	58		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	74		%	09/26/13	AW	30 - 150 %	
% TCMX	49		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDT	ND*	12	ug/Kg	09/30/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	09/30/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/30/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	09/30/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Dieldrin	ND	1.9	ug/Kg	09/30/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endrin	ND	11	ug/Kg	09/30/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/30/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/30/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	09/30/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	45	ug/Kg	09/30/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	09/30/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	67		%	09/30/13	MH	30 - 150 %	
% TCMX	55		%	09/30/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	8.5	ug/Kg	09/25/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloropropene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromoethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloropropane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichloropropane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
2,2-Dichloropropane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
2-Chlorotoluene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
2-Hexanone	ND	70	ug/Kg	09/25/13	R/P	SW8260	
2-Isopropyltoluene	ND	14	ug/Kg	09/25/13	R/P	SW8260	1
4-Chlorotoluene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	70	ug/Kg	09/25/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/25/13	R/P	SW8260	
Acrylonitrile	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Benzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Bromobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Bromochloromethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Bromodichloromethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Bromoform	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Bromomethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Carbon Disulfide	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Carbon tetrachloride	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Chlorobenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Chloroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Chloroform	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Chloromethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Dibromochloromethane	ND	8.5	ug/Kg	09/25/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-1 (2-4 FT)

Phoenix I.D.: BF45185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Dichlorodifluoromethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Ethylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Hexachlorobutadiene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Isopropylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
m&p-Xylene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	85	ug/Kg	09/25/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	28	ug/Kg	09/25/13	R/P	SW8260	
Methylene chloride	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Naphthalene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
n-Butylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
n-Propylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
o-Xylene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
p-Isopropyltoluene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
sec-Butylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Styrene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
tert-Butylbenzene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Tetrachloroethene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	28	ug/Kg	09/25/13	R/P	SW8260	1
Toluene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Total Xylenes	ND	14	ug/Kg	09/25/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	28	ug/Kg	09/25/13	R/P	SW8260	
Trichloroethene	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Trichlorofluoromethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	14	ug/Kg	09/25/13	R/P	SW8260	
Vinyl chloride	ND	14	ug/Kg	09/25/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	09/25/13	R/P	70 - 130 %	
% Bromofluorobenzene	83		%	09/25/13	R/P	70 - 130 %	
% Dibromofluoromethane	109		%	09/25/13	R/P	70 - 130 %	
% Toluene-d8	100		%	09/25/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-1 (2-4 FT)

Phoenix I.D.: BF45185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	5300	1300	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	1900	1300	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	15000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	39000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	2300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	33000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	42000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	14000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	21000	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	5500	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	1300	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	5000	2800	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	35000	1300	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	5500	1300	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	3100	1300	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	91000	1300	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	5000	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	17000	1300	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	1900	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-1 (2-4 FT)

Phoenix I.D.: BF45185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	1300	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	53000	1300	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270
Pyrene	69000	1300	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	1900	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	108		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	92		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	96		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	106		%	09/26/13	DD	30 - 130 %
% Phenol-d5	101		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	109		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

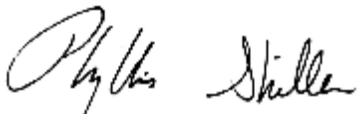
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	10:15
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45186

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	09/30/13	EK	SW6010
Aluminum	18200	62	mg/Kg	09/28/13	LK	SW6010
Arsenic	1.7	0.8	mg/Kg	09/30/13	EK	SW6010
Barium	69.0	0.41	mg/Kg	09/30/13	EK	SW6010
Beryllium	0.44	0.33	mg/Kg	09/30/13	EK	SW6010
Calcium	818	6.2	mg/Kg	09/30/13	EK	SW6010
Cadmium	1.06	0.41	mg/Kg	09/30/13	EK	SW6010
Cobalt	10.3	0.41	mg/Kg	09/30/13	EK	SW6010
Chromium	30.6	0.41	mg/Kg	09/30/13	EK	SW6010
Copper	8.24	0.41	mg/kg	09/30/13	EK	SW6010
Iron	30400	62	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/26/13	RS	SW-7471
Potassium	1160	62	mg/Kg	09/28/13	LK	SW6010
Magnesium	6160	62	mg/Kg	09/28/13	LK	SW6010
Manganese	126	4.1	mg/Kg	09/28/13	LK	SW6010
Sodium	112	6.2	mg/Kg	09/30/13	EK	SW6010
Nickel	17.9	0.41	mg/Kg	09/30/13	EK	SW6010
Lead	7.66	0.41	mg/Kg	09/30/13	EK	SW6010
Antimony	< 4.1	4.1	mg/Kg	09/30/13	EK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/30/13	EK	SW6010
Thallium	< 3.7	3.7	mg/Kg	09/30/13	EK	SW6010
Vanadium	51.6	0.41	mg/Kg	09/30/13	EK	SW6010
Zinc	40.6	0.41	mg/Kg	09/30/13	EK	SW6010
Percent Solid	81		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Phoenix I.D.: BF45186

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	510	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	51	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	100	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	51	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	100	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	61		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	80	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	80	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	96		%	09/26/13	AW	30 - 150 %	
% TCMX	73		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.8	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.8	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.8	ug/Kg	09/26/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.8	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.8	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.7	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.7	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.7	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.7	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.7	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.8	ug/Kg	09/26/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Phoenix I.D.: BF45186

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	38	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	38	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	114		%	09/26/13	MH	30 - 150 %	
% TCMX	90		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	7.2	ug/Kg	09/25/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloropropene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromoethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloropropane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichloropropane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
2,2-Dichloropropane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
2-Chlorotoluene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
2-Hexanone	ND	60	ug/Kg	09/25/13	R/P	SW8260	
2-Isopropyltoluene	ND	12	ug/Kg	09/25/13	R/P	SW8260	1
4-Chlorotoluene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	60	ug/Kg	09/25/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/25/13	R/P	SW8260	
Acrylonitrile	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Benzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Bromobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Bromochloromethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Bromodichloromethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Bromoform	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Bromomethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Carbon Disulfide	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Carbon tetrachloride	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Chlorobenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Chloroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Chloroform	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Chloromethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Dibromochloromethane	ND	7.2	ug/Kg	09/25/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Phoenix I.D.: BF45186

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Dichlorodifluoromethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Ethylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Hexachlorobutadiene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Isopropylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
m&p-Xylene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	72	ug/Kg	09/25/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	24	ug/Kg	09/25/13	R/P	SW8260	
Methylene chloride	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Naphthalene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
n-Butylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
n-Propylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
o-Xylene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
p-Isopropyltoluene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
sec-Butylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Styrene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
tert-Butylbenzene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Tetrachloroethene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	24	ug/Kg	09/25/13	R/P	SW8260	1
Toluene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Total Xylenes	ND	12	ug/Kg	09/25/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	24	ug/Kg	09/25/13	R/P	SW8260	
Trichloroethene	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Trichlorofluoromethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	12	ug/Kg	09/25/13	R/P	SW8260	
Vinyl chloride	ND	12	ug/Kg	09/25/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	110		%	09/25/13	R/P	70 - 130 %	
% Bromofluorobenzene	89		%	09/25/13	R/P	70 - 130 %	
% Dibromofluoromethane	109		%	09/25/13	R/P	70 - 130 %	
% Toluene-d8	100		%	09/25/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	09/25/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dinitrophenol	ND	650	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Phoenix I.D.: BF45186

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	09/25/13	DD	SW 8270	
2-Nitroaniline	ND	650	ug/Kg	09/25/13	DD	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	09/25/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	09/25/13	DD	SW 8270	
3-Nitroaniline	ND	650	ug/Kg	09/25/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	09/25/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	09/25/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	09/25/13	DD	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	09/25/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	09/25/13	DD	SW 8270	
4-Nitroaniline	ND	650	ug/Kg	09/25/13	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	09/25/13	DD	SW 8270	
Acenaphthene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Acenaphthylene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Acetophenone	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	09/25/13	DD	SW 8270	
Anthracene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benzidine	ND	490	ug/Kg	09/25/13	DD	SW 8270	
Benzo(a)pyrene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	09/25/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	09/25/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Carbazole	ND	610	ug/Kg	09/25/13	DD	SW 8270	
Chrysene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Dibenzofuran	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Fluoranthene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Fluorene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Hexachloroethane	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Isophorone	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Naphthalene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
Nitrobenzene	ND	290	ug/Kg	09/25/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	09/25/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-2 (6-8 FT)

Phoenix I.D.: BF45186

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	09/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	410	ug/Kg	09/25/13	DD	SW 8270
Pentachloronitrobenzene	ND	410	ug/Kg	09/25/13	DD	SW 8270
Pentachlorophenol	ND	410	ug/Kg	09/25/13	DD	SW 8270
Phenanthrene	ND	290	ug/Kg	09/25/13	DD	SW 8270
Phenol	ND	290	ug/Kg	09/25/13	DD	SW 8270
Pyrene	ND	290	ug/Kg	09/25/13	DD	SW 8270
Pyridine	ND	410	ug/Kg	09/25/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	109		%	09/25/13	DD	30 - 130 %
% 2-Fluorobiphenyl	83		%	09/25/13	DD	30 - 130 %
% 2-Fluorophenol	84		%	09/25/13	DD	30 - 130 %
% Nitrobenzene-d5	83		%	09/25/13	DD	30 - 130 %
% Phenol-d5	92		%	09/25/13	DD	30 - 130 %
% Terphenyl-d14	106		%	09/25/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	10:30
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45187

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/28/13	LK	SW6010
Aluminum	4500	60	mg/Kg	09/28/13	LK	SW6010
Arsenic	4.4	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	77.8	0.40	mg/Kg	09/28/13	LK	SW6010
Beryllium	< 0.32	0.32	mg/Kg	09/28/13	LK	SW6010
Calcium	2170	6.0	mg/Kg	09/28/13	LK	SW6010
Cadmium	0.79	0.40	mg/Kg	09/28/13	LK	SW6010
Cobalt	11.7	0.40	mg/Kg	09/28/13	LK	SW6010
Chromium	12.7	0.40	mg/Kg	09/28/13	LK	SW6010
Copper	34.6	0.40	mg/kg	09/28/13	LK	SW6010
Iron	18400	60	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/26/13	RS	SW-7471
Potassium	1110	6.0	mg/Kg	09/28/13	LK	SW6010
Magnesium	1140	60	mg/Kg	09/28/13	LK	SW6010
Manganese	223	4.0	mg/Kg	09/28/13	LK	SW6010
Sodium	119	6.0	mg/Kg	09/28/13	LK	SW6010
Nickel	23.7	0.40	mg/Kg	09/28/13	LK	SW6010
Lead	22.1	0.40	mg/Kg	09/28/13	LK	SW6010
Antimony	< 4.0	4.0	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.6	3.6	mg/Kg	09/28/13	LK	SW6010
Vanadium	18.5	0.40	mg/Kg	09/28/13	LK	SW6010
Zinc	41.6	0.40	mg/Kg	09/28/13	LK	SW6010
Percent Solid	89		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Phoenix I.D.: BF45187

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	470	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	94	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	94	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	54		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	98		%	09/26/13	AW	30 - 150 %	
% TCMX	60		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	09/26/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Phoenix I.D.: BF45187

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	36	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	113		%	09/26/13	MH	30 - 150 %	
% TCMX	75		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloropropene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromoethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloropropane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichloropropane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
2,2-Dichloropropane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
2-Chlorotoluene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
2-Hexanone	ND	89	ug/Kg	09/26/13	R/P	SW8260	
2-Isopropyltoluene	ND	18	ug/Kg	09/26/13	R/P	SW8260	1
4-Chlorotoluene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	89	ug/Kg	09/26/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/26/13	R/P	SW8260	
Acrylonitrile	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Benzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Bromobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Bromochloromethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Bromodichloromethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Bromoform	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Bromomethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Carbon Disulfide	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Carbon tetrachloride	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Chlorobenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Chloroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Chloroform	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Chloromethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Dibromochloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Phoenix I.D.: BF45187

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Dichlorodifluoromethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Ethylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Hexachlorobutadiene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Isopropylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
m&p-Xylene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	110	ug/Kg	09/26/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	36	ug/Kg	09/26/13	R/P	SW8260	
Methylene chloride	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Naphthalene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
n-Butylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
n-Propylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
o-Xylene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
p-Isopropyltoluene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
sec-Butylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Styrene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
tert-Butylbenzene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Tetrachloroethene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	36	ug/Kg	09/26/13	R/P	SW8260	1
Toluene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Total Xylenes	ND	18	ug/Kg	09/26/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	36	ug/Kg	09/26/13	R/P	SW8260	
Trichloroethene	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Trichlorofluoromethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	18	ug/Kg	09/26/13	R/P	SW8260	
Vinyl chloride	ND	18	ug/Kg	09/26/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	118		%	09/26/13	R/P	70 - 130 %	
% Bromofluorobenzene	83		%	09/26/13	R/P	70 - 130 %	
% Dibromofluoromethane	114		%	09/26/13	R/P	70 - 130 %	
% Toluene-d8	100		%	09/26/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	370	ug/Kg	09/25/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dichlorophenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dimethylphenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dinitrophenol	ND	600	ug/Kg	09/25/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2-Chloronaphthalene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2-Chlorophenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Phoenix I.D.: BF45187

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/25/13	DD	SW 8270	
2-Nitroaniline	ND	600	ug/Kg	09/25/13	DD	SW 8270	
2-Nitrophenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/25/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	09/25/13	DD	SW 8270	
3-Nitroaniline	ND	600	ug/Kg	09/25/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/25/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/25/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/25/13	DD	SW 8270	
4-Chloroaniline	ND	260	ug/Kg	09/25/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/25/13	DD	SW 8270	
4-Nitroaniline	ND	600	ug/Kg	09/25/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	09/25/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/25/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	09/25/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/25/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/25/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/25/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Carbazole	ND	560	ug/Kg	09/25/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Fluoranthene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	09/25/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	09/25/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-3 (2-4 FT)

Phoenix I.D.: BF45187

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/25/13	DD	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/25/13	DD	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/25/13	DD	SW 8270
Phenanthrene	260	260	ug/Kg	09/25/13	DD	SW 8270
Phenol	ND	260	ug/Kg	09/25/13	DD	SW 8270
Pyrene	ND	260	ug/Kg	09/25/13	DD	SW 8270
Pyridine	ND	370	ug/Kg	09/25/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	85		%	09/25/13	DD	30 - 130 %
% 2-Fluorobiphenyl	95		%	09/25/13	DD	30 - 130 %
% 2-Fluorophenol	75		%	09/25/13	DD	30 - 130 %
% Nitrobenzene-d5	88		%	09/25/13	DD	30 - 130 %
% Phenol-d5	82		%	09/25/13	DD	30 - 130 %
% Terphenyl-d14	126		%	09/25/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	11:00
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45188

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	09/28/13	LK	SW6010
Aluminum	10100	56	mg/Kg	09/28/13	LK	SW6010
Arsenic	17.6	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	79.7	0.38	mg/Kg	09/28/13	LK	SW6010
Beryllium	0.40	0.30	mg/Kg	09/28/13	LK	SW6010
Calcium	2680	5.6	mg/Kg	09/28/13	LK	SW6010
Cadmium	1.49	0.38	mg/Kg	09/28/13	LK	SW6010
Cobalt	9.67	0.38	mg/Kg	09/28/13	LK	SW6010
Chromium	18.1	0.38	mg/Kg	09/28/13	LK	SW6010
Copper	66.4	0.38	mg/kg	09/28/13	LK	SW6010
Iron	23300	56	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.09	0.09	mg/Kg	09/26/13	RS	SW-7471
Potassium	1050	5.6	mg/Kg	09/28/13	LK	SW6010
Magnesium	2730	5.6	mg/Kg	09/28/13	LK	SW6010
Manganese	245	3.8	mg/Kg	09/28/13	LK	SW6010
Sodium	211	5.6	mg/Kg	09/28/13	LK	SW6010
Nickel	18.1	0.38	mg/Kg	09/28/13	LK	SW6010
Lead	95.5	0.38	mg/Kg	09/28/13	LK	SW6010
Antimony	< 3.8	3.8	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.4	3.4	mg/Kg	09/28/13	LK	SW6010
Vanadium	34.3	0.38	mg/Kg	09/28/13	LK	SW6010
Zinc	139	0.38	mg/Kg	09/28/13	LK	SW6010
Percent Solid	81		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Phoenix I.D.: BF45188

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	51	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	510	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	51	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	100	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	51	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	100	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	64		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	81	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	81	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	89		%	09/26/13	AW	30 - 150 %	
% TCMX	64		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	9.6	2.4	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.9	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.9	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.9	ug/Kg	09/26/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.9	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.9	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.8	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.8	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.8	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.8	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.8	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.4	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.9	ug/Kg	09/26/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Phoenix I.D.: BF45188

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	39	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	39	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	Interference		%	09/26/13	MH	30 - 150 %	
% TCMX	75		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.7	ug/Kg	09/26/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dibromoethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
1,3-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
2,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
2-Chlorotoluene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
2-Hexanone	ND	56	ug/Kg	09/26/13	R/P	SW8260	
2-Isopropyltoluene	ND	330	ug/Kg	10/02/13	R/P	SW8260	1
4-Chlorotoluene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	56	ug/Kg	09/26/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/26/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Benzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromobenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
Bromochloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromodichloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromoform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon Disulfide	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon tetrachloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dibromochloromethane	ND	6.7	ug/Kg	09/26/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Phoenix I.D.: BF45188

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dichlorodifluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Ethylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Hexachlorobutadiene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
Isopropylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
m&p-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	67	ug/Kg	09/26/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	22	ug/Kg	09/26/13	R/P	SW8260	
Methylene chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Naphthalene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
n-Butylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
n-Propylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
o-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
p-Isopropyltoluene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
sec-Butylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
Styrene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
tert-Butylbenzene	ND	330	ug/Kg	10/02/13	R/P	SW8260	
Tetrachloroethene	2400	330	ug/Kg	10/02/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	22	ug/Kg	09/26/13	R/P	SW8260	1
Toluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Total Xylenes	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	650	ug/Kg	10/02/13	R/P	SW8260	
Trichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorofluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Vinyl chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	10/02/13	R/P	70 - 130 %	
% Bromofluorobenzene	92		%	10/02/13	R/P	70 - 130 %	
% Dibromofluoromethane	124		%	09/26/13	R/P	70 - 130 %	
% Toluene-d8	98		%	09/26/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	400	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	640	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Phoenix I.D.: BF45188

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	640	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	640	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	280	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	280	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	640	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	890	280	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	390	280	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	2300	280	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	480	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	2800	280	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	4600	280	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	1600	280	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	1700	280	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	600	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	2400	280	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	520	280	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	3100	280	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	1500	280	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	280	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-4 (1-3 FT)

Phoenix I.D.: BF45188

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	400	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	400	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	400	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	640	280	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	280	ug/Kg	09/26/13	DD	SW 8270
Pyrene	3000	280	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	400	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	88		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	94		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	76		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	90		%	09/26/13	DD	30 - 130 %
% Phenol-d5	86		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	93		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	11:15
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45189

Project ID: LARCHMONT
Client ID: B-5 (5-7 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	09/28/13	LK	SW6010
Aluminum	13200	59	mg/Kg	09/28/13	LK	SW6010
Arsenic	1.3	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	176	0.40	mg/Kg	09/28/13	LK	SW6010
Beryllium	0.34	0.32	mg/Kg	09/28/13	LK	SW6010
Calcium	4780	5.9	mg/Kg	09/28/13	LK	SW6010
Cadmium	1.12	0.40	mg/Kg	09/28/13	LK	SW6010
Cobalt	12.8	0.40	mg/Kg	09/28/13	LK	SW6010
Chromium	35.0	0.40	mg/Kg	09/28/13	LK	SW6010
Copper	34.2	0.40	mg/kg	09/28/13	LK	SW6010
Iron	27800	59	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.06	0.06	mg/Kg	09/26/13	RS	SW-7471
Potassium	5430	59	mg/Kg	09/28/13	LK	SW6010
Magnesium	6520	5.9	mg/Kg	09/28/13	LK	SW6010
Manganese	526	4.0	mg/Kg	09/28/13	LK	SW6010
Sodium	218	5.9	mg/Kg	09/28/13	LK	SW6010
Nickel	27.2	0.40	mg/Kg	09/28/13	LK	SW6010
Lead	9.46	0.40	mg/Kg	09/28/13	LK	SW6010
Antimony	< 4.0	4.0	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.6	3.6	mg/Kg	09/28/13	LK	SW6010
Vanadium	41.7	0.40	mg/Kg	09/28/13	LK	SW6010
Zinc	58.5	0.40	mg/Kg	09/28/13	LK	SW6010
Percent Solid	89		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-5 (5-7 FT)

Phoenix I.D.: BF45189

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	460	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	46	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	92	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	46	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	92	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	68		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	75		%	09/26/13	AW	30 - 150 %	
% TCMX	52		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Chlordane	290	11	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	09/26/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	36	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	86		%	09/26/13	MH	30 - 150 %	
% TCMX	59		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,1,1-Trichloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,1,2,2-Tetrachloroethane	ND	340	ug/Kg	09/26/13	PS	SW8260	
1,1,2-Trichloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloroethene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloropropene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2,3-Trichlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2,3-Trichloropropane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2,4-Trichlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2,4-Trimethylbenzene	5200	560	ug/Kg	09/26/13	PS	SW8260	
1,2-Dibromo-3-chloropropane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2-Dibromoethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichloropropane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,3,5-Trimethylbenzene	3600	560	ug/Kg	09/26/13	PS	SW8260	
1,3-Dichlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,3-Dichloropropane	ND	560	ug/Kg	09/26/13	PS	SW8260	
1,4-Dichlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
2,2-Dichloropropane	ND	560	ug/Kg	09/26/13	PS	SW8260	
2-Chlorotoluene	ND	560	ug/Kg	09/26/13	PS	SW8260	
2-Hexanone	ND	2800	ug/Kg	09/26/13	PS	SW8260	
2-Isopropyltoluene	680	560	ug/Kg	09/26/13	PS	SW8260	1
4-Chlorotoluene	ND	560	ug/Kg	09/26/13	PS	SW8260	
4-Methyl-2-pentanone	ND	2800	ug/Kg	09/26/13	PS	SW8260	
Acetone	ND	3400	ug/Kg	09/26/13	PS	SW8260	
Acrylonitrile	ND	560	ug/Kg	09/26/13	PS	SW8260	
Benzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Bromobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Bromochloromethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Bromodichloromethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Bromoform	ND	560	ug/Kg	09/26/13	PS	SW8260	
Bromomethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Carbon Disulfide	ND	560	ug/Kg	09/26/13	PS	SW8260	
Carbon tetrachloride	ND	560	ug/Kg	09/26/13	PS	SW8260	
Chlorobenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Chloroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Chloroform	ND	560	ug/Kg	09/26/13	PS	SW8260	
Chloromethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
cis-1,2-Dichloroethene	ND	560	ug/Kg	09/26/13	PS	SW8260	
cis-1,3-Dichloropropene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Dibromochloromethane	ND	340	ug/Kg	09/26/13	PS	SW8260	

Project ID: LARCHMONT
Client ID: B-5 (5-7 FT)

Phoenix I.D.: BF45189

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Dichlorodifluoromethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Ethylbenzene	4500	560	ug/Kg	09/26/13	PS	SW8260	
Hexachlorobutadiene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Isopropylbenzene	2300	560	ug/Kg	09/26/13	PS	SW8260	
m&p-Xylene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Methyl Ethyl Ketone	ND	3400	ug/Kg	09/26/13	PS	SW8260	
Methyl t-butyl ether (MTBE)	ND	1100	ug/Kg	09/26/13	PS	SW8260	
Methylene chloride	ND	560	ug/Kg	09/26/13	PS	SW8260	
Naphthalene	9900	560	ug/Kg	09/26/13	PS	SW8260	
n-Butylbenzene	2900	560	ug/Kg	09/26/13	PS	SW8260	
n-Propylbenzene	3800	560	ug/Kg	09/26/13	PS	SW8260	
o-Xylene	ND	560	ug/Kg	09/26/13	PS	SW8260	
p-Isopropyltoluene	1500	560	ug/Kg	09/26/13	PS	SW8260	
sec-Butylbenzene	4100	560	ug/Kg	09/26/13	PS	SW8260	
Styrene	ND	560	ug/Kg	09/26/13	PS	SW8260	
tert-Butylbenzene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Tetrachloroethene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Tetrahydrofuran (THF)	ND	1100	ug/Kg	09/26/13	PS	SW8260	1
Toluene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Total Xylenes	ND	560	ug/Kg	09/26/13	PS	SW8260	
trans-1,2-Dichloroethene	ND	560	ug/Kg	09/26/13	PS	SW8260	
trans-1,3-Dichloropropene	ND	560	ug/Kg	09/26/13	PS	SW8260	
trans-1,4-dichloro-2-butene	ND	1100	ug/Kg	09/26/13	PS	SW8260	
Trichloroethene	ND	560	ug/Kg	09/26/13	PS	SW8260	
Trichlorofluoromethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Trichlorotrifluoroethane	ND	560	ug/Kg	09/26/13	PS	SW8260	
Vinyl chloride	ND	560	ug/Kg	09/26/13	PS	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	09/26/13	PS	70 - 130 %	
% Bromofluorobenzene	122		%	09/26/13	PS	70 - 130 %	
% Dibromofluoromethane	98		%	09/26/13	PS	70 - 130 %	
% Toluene-d8	105		%	09/26/13	PS	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	370	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	580	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-5 (5-7 FT)

Phoenix I.D.: BF45189

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	3500	260	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	400	260	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	440	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	270	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	550	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	680	260	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	710	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	800	260	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-5 (5-7 FT)

Phoenix I.D.: BF45189

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/26/13	DD	SW 8270	
Pentachloronitrobenzene	ND	370	ug/Kg	09/26/13	DD	SW 8270	
Pentachlorophenol	ND	370	ug/Kg	09/26/13	DD	SW 8270	
Phenanthrene	1600	260	ug/Kg	09/26/13	DD	SW 8270	
Phenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Pyrene	720	260	ug/Kg	09/26/13	DD	SW 8270	
Pyridine	ND	370	ug/Kg	09/26/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	115		%	09/26/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	96		%	09/26/13	DD	30 - 130 %	
% 2-Fluorophenol	95		%	09/26/13	DD	30 - 130 %	
% Nitrobenzene-d5	86		%	09/26/13	DD	30 - 130 %	
% Phenol-d5	97		%	09/26/13	DD	30 - 130 %	
% Terphenyl-d14	137		%	09/26/13	DD	30 - 130 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	11:30
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45190

Project ID: LARCHMONT
Client ID: B-6 (1-3 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	09/28/13	LK	SW6010
Aluminum	8000	64	mg/Kg	09/28/13	LK	SW6010
Arsenic	10.5	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	79.5	0.42	mg/Kg	09/28/13	LK	SW6010
Beryllium	0.35	0.34	mg/Kg	09/28/13	LK	SW6010
Calcium	4580	6.4	mg/Kg	09/28/13	LK	SW6010
Cadmium	1.26	0.42	mg/Kg	09/28/13	LK	SW6010
Cobalt	10.1	0.42	mg/Kg	09/28/13	LK	SW6010
Chromium	18.4	0.42	mg/Kg	09/28/13	LK	SW6010
Copper	68.4	4.2	mg/kg	09/28/13	LK	SW6010
Iron	29400	64	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	09/26/13	RS	SW-7471
Potassium	2240	64	mg/Kg	09/28/13	LK	SW6010
Magnesium	2920	6.4	mg/Kg	09/28/13	LK	SW6010
Manganese	337	4.2	mg/Kg	09/28/13	LK	SW6010
Sodium	287	6.4	mg/Kg	09/28/13	LK	SW6010
Nickel	17.6	0.42	mg/Kg	09/28/13	LK	SW6010
Lead	116	0.42	mg/Kg	09/28/13	LK	SW6010
Antimony	< 5.0	5.0	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.8	3.8	mg/Kg	09/28/13	LK	SW6010
Vanadium	29.3	0.42	mg/Kg	09/28/13	LK	SW6010
Zinc	97.9	0.42	mg/Kg	09/28/13	LK	SW6010
Percent Solid	83		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-6 (1-3 FT)

Phoenix I.D.: BF45190

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	50	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	50	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	50	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	500	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	50	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	99	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	50	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	99	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	52		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	79	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	79	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	102		%	09/26/13	AW	30 - 150 %	
% TCMX	67		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.4	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDE	ND	2.4	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDT	ND	2.4	ug/Kg	09/30/13	MH	SW8081	
a-BHC	ND	3.8	ug/Kg	09/30/13	MH	SW8081	
Alachlor	ND	3.8	ug/Kg	09/30/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	09/30/13	MH	SW8081	
b-BHC	ND	3.8	ug/Kg	09/30/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	09/30/13	MH	SW8081	
d-BHC	ND	3.8	ug/Kg	09/30/13	MH	SW8081	
Dieldrin	ND	4.0	ug/Kg	09/30/13	MH	SW8081	
Endosulfan I	ND	3.8	ug/Kg	09/30/13	MH	SW8081	
Endosulfan II	ND	7.6	ug/Kg	09/30/13	MH	SW8081	
Endosulfan sulfate	ND	7.6	ug/Kg	09/30/13	MH	SW8081	
Endrin	ND	7.6	ug/Kg	09/30/13	MH	SW8081	
Endrin aldehyde	ND	7.6	ug/Kg	09/30/13	MH	SW8081	
Endrin ketone	ND	7.6	ug/Kg	09/30/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	09/30/13	MH	SW8081	
Heptachlor	ND	2.4	ug/Kg	09/30/13	MH	SW8081	
Heptachlor epoxide	ND	3.8	ug/Kg	09/30/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	38	ug/Kg	09/30/13	MH	SW8081	
Toxaphene	ND	38	ug/Kg	09/30/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	112		%	09/30/13	MH	30 - 150 %	
% TCMX	72		%	09/30/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.8	ug/Kg	09/26/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dibromoethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,2-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
1,3-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
2,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
2-Chlorotoluene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
2-Hexanone	ND	57	ug/Kg	09/26/13	R/P	SW8260	
2-Isopropyltoluene	ND	300	ug/Kg	10/02/13	R/P	SW8260	1
4-Chlorotoluene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	57	ug/Kg	09/26/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/26/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Benzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromobenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
Bromochloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromodichloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromoform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon Disulfide	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon tetrachloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dibromochloromethane	ND	6.8	ug/Kg	09/26/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-6 (1-3 FT)

Phoenix I.D.: BF45190

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dichlorodifluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Ethylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Hexachlorobutadiene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
Isopropylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
m&p-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	68	ug/Kg	09/26/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	23	ug/Kg	09/26/13	R/P	SW8260	
Methylene chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Naphthalene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
n-Butylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
n-Propylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
o-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
p-Isopropyltoluene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
sec-Butylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
Styrene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
tert-Butylbenzene	ND	300	ug/Kg	10/02/13	R/P	SW8260	
Tetrachloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	23	ug/Kg	09/26/13	R/P	SW8260	1
Toluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Total Xylenes	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	600	ug/Kg	10/02/13	R/P	SW8260	
Trichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorofluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Vinyl chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	10/02/13	R/P	70 - 130 %	
% Bromofluorobenzene	89		%	10/02/13	R/P	70 - 130 %	
% Dibromofluoromethane	114		%	09/26/13	R/P	70 - 130 %	
% Toluene-d8	98		%	09/26/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	800	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-6 (1-3 FT)

Phoenix I.D.: BF45190

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	1100	560	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	560	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	800	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	560	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2300	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	800	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	560	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	560	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	560	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	2300	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	2300	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	570	560	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	960	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	590	560	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	1100	560	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	2300	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	800	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	560	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	1200	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	830	560	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	1000	560	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	650	560	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	560	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	800	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-6 (1-3 FT)

Phoenix I.D.: BF45190

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	560	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	800	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	800	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	800	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	820	560	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	560	ug/Kg	09/26/13	DD	SW 8270
Pyrene	940	560	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	800	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	76		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	74		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	67		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	81		%	09/26/13	DD	30 - 130 %
% Phenol-d5	79		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	84		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

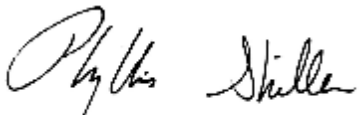
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	11:45
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45191

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	09/28/13	LK	SW6010
Aluminum	7940	59	mg/Kg	09/28/13	LK	SW6010
Arsenic	40.1	0.8	mg/Kg	09/28/13	LK	SW6010
Barium	63.2	0.39	mg/Kg	09/28/13	LK	SW6010
Beryllium	< 0.32	0.32	mg/Kg	09/28/13	LK	SW6010
Calcium	4060	5.9	mg/Kg	09/28/13	LK	SW6010
Cadmium	2.31	0.39	mg/Kg	09/28/13	LK	SW6010
Cobalt	12.0	0.39	mg/Kg	09/28/13	LK	SW6010
Chromium	17.5	0.39	mg/Kg	09/28/13	LK	SW6010
Copper	161	3.9	mg/kg	09/28/13	LK	SW6010
Iron	40100	59	mg/Kg	09/28/13	LK	SW6010
Mercury	0.12	0.07	mg/Kg	09/26/13	RS	SW-7471
Potassium	905	59	mg/Kg	09/28/13	LK	SW6010
Magnesium	3080	5.9	mg/Kg	09/28/13	LK	SW6010
Manganese	399	3.9	mg/Kg	09/28/13	LK	SW6010
Sodium	298	5.9	mg/Kg	09/28/13	LK	SW6010
Nickel	20.8	0.39	mg/Kg	09/28/13	LK	SW6010
Lead	229	3.9	mg/Kg	09/28/13	LK	SW6010
Antimony	< 8.0	8.0	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	09/30/13	EK	SW6010
Thallium	< 3.6	3.6	mg/Kg	09/28/13	LK	SW6010
Vanadium	41.1	0.39	mg/Kg	09/28/13	LK	SW6010
Zinc	222	3.9	mg/Kg	09/28/13	LK	SW6010
Percent Solid	88		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Phoenix I.D.: BF45191

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	470	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	94	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	94	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	67		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	101		%	09/26/13	AW	30 - 150 %	
% TCMX	67		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	7.2	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDE	ND	2.7	ug/Kg	09/30/13	MH	SW8081	
4,4' -DDT	ND*	7.5	ug/Kg	09/30/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	09/30/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/30/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	09/30/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Dieldrin	ND*	9.0	ug/Kg	09/30/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	09/30/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endrin	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	09/30/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/30/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/30/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	09/30/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Phoenix I.D.: BF45191

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	36	ug/Kg	09/30/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	09/30/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	113		%	09/30/13	MH	30 - 150 %	
% TCMX	74		%	09/30/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,1,1-Trichloroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,1,2,2-Tetrachloroethane	ND	12	ug/Kg	09/26/13	PS	SW8260	
1,1,2-Trichloroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloroethene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,1-Dichloropropene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2,3-Trichlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2,3-Trichloropropane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2,4-Trichlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2,4-Trimethylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2-Dibromo-3-chloropropane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2-Dibromoethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichloroethane	ND	20	ug/Kg	09/26/13	PS	SW8260	
1,2-Dichloropropane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,3,5-Trimethylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,3-Dichlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,3-Dichloropropane	ND	21	ug/Kg	09/26/13	PS	SW8260	
1,4-Dichlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
2,2-Dichloropropane	ND	21	ug/Kg	09/26/13	PS	SW8260	
2-Chlorotoluene	ND	21	ug/Kg	09/26/13	PS	SW8260	
2-Hexanone	ND	100	ug/Kg	09/26/13	PS	SW8260	
2-Isopropyltoluene	ND	21	ug/Kg	09/26/13	PS	SW8260	1
4-Chlorotoluene	ND	21	ug/Kg	09/26/13	PS	SW8260	
4-Methyl-2-pentanone	ND	100	ug/Kg	09/26/13	PS	SW8260	
Acetone	ND	120	ug/Kg	09/26/13	PS	SW8260	
Acrylonitrile	ND	21	ug/Kg	09/26/13	PS	SW8260	
Benzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Bromobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Bromochloromethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Bromodichloromethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Bromoform	ND	21	ug/Kg	09/26/13	PS	SW8260	
Bromomethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Carbon Disulfide	ND	21	ug/Kg	09/26/13	PS	SW8260	
Carbon tetrachloride	ND	21	ug/Kg	09/26/13	PS	SW8260	
Chlorobenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Chloroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Chloroform	ND	21	ug/Kg	09/26/13	PS	SW8260	
Chloromethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
cis-1,2-Dichloroethene	ND	21	ug/Kg	09/26/13	PS	SW8260	
cis-1,3-Dichloropropene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Dibromochloromethane	ND	12	ug/Kg	09/26/13	PS	SW8260	

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Phoenix I.D.: BF45191

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Dichlorodifluoromethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Ethylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Hexachlorobutadiene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Isopropylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
m&p-Xylene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Methyl Ethyl Ketone	ND	120	ug/Kg	09/26/13	PS	SW8260	
Methyl t-butyl ether (MTBE)	ND	41	ug/Kg	09/26/13	PS	SW8260	
Methylene chloride	ND	21	ug/Kg	09/26/13	PS	SW8260	
Naphthalene	ND	21	ug/Kg	09/26/13	PS	SW8260	
n-Butylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
n-Propylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
o-Xylene	ND	21	ug/Kg	09/26/13	PS	SW8260	
p-Isopropyltoluene	ND	21	ug/Kg	09/26/13	PS	SW8260	
sec-Butylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Styrene	ND	21	ug/Kg	09/26/13	PS	SW8260	
tert-Butylbenzene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Tetrachloroethene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Tetrahydrofuran (THF)	ND	41	ug/Kg	09/26/13	PS	SW8260	1
Toluene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Total Xylenes	ND	21	ug/Kg	09/26/13	PS	SW8260	
trans-1,2-Dichloroethene	ND	21	ug/Kg	09/26/13	PS	SW8260	
trans-1,3-Dichloropropene	ND	21	ug/Kg	09/26/13	PS	SW8260	
trans-1,4-dichloro-2-butene	ND	41	ug/Kg	09/26/13	PS	SW8260	
Trichloroethene	ND	21	ug/Kg	09/26/13	PS	SW8260	
Trichlorofluoromethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Trichlorotrifluoroethane	ND	21	ug/Kg	09/26/13	PS	SW8260	
Vinyl chloride	ND	20	ug/Kg	09/26/13	PS	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	121		%	09/26/13	PS	70 - 130 %	
% Bromofluorobenzene	84		%	09/26/13	PS	70 - 130 %	
% Dibromofluoromethane	113		%	09/26/13	PS	70 - 130 %	
% Toluene-d8	99		%	09/26/13	PS	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Phoenix I.D.: BF45191

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	3000	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	1500	1300	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	5500	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	2700	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	2300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	2500	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	4800	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	1600	1300	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	5500	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	1900	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	1300	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	2800	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	2600	1300	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	2700	1300	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	1300	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	1900	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-7 (1-3 FT)

Phoenix I.D.: BF45191

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	1300	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	1900	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	ND	1300	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	1300	ug/Kg	09/26/13	DD	SW 8270
Pyrene	3200	1300	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	1900	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	87		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	89		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	72		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	98		%	09/26/13	DD	30 - 130 %
% Phenol-d5	85		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	94		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	12:00
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45192

Project ID: LARCHMONT
Client ID: B-8 (3-5 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	09/28/13	LK	SW6010
Aluminum	15000	53	mg/Kg	09/28/13	LK	SW6010
Arsenic	2.0	0.7	mg/Kg	09/28/13	LK	SW6010
Barium	153	0.36	mg/Kg	09/28/13	LK	SW6010
Beryllium	0.41	0.28	mg/Kg	09/28/13	LK	SW6010
Calcium	1630	5.3	mg/Kg	09/28/13	LK	SW6010
Cadmium	1.26	0.36	mg/Kg	09/28/13	LK	SW6010
Cobalt	14.4	0.36	mg/Kg	09/28/13	LK	SW6010
Chromium	34.7	0.36	mg/Kg	09/28/13	LK	SW6010
Copper	31.6	3.6	mg/kg	09/28/13	LK	SW6010
Iron	30100	53	mg/Kg	09/28/13	LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	09/26/13	RS	SW-7471
Potassium	6000	53	mg/Kg	09/28/13	LK	SW6010
Magnesium	7270	53	mg/Kg	09/28/13	LK	SW6010
Manganese	556	3.6	mg/Kg	09/28/13	LK	SW6010
Sodium	134	5.3	mg/Kg	09/28/13	LK	SW6010
Nickel	24.0	0.36	mg/Kg	09/28/13	LK	SW6010
Lead	7.00	0.36	mg/Kg	09/28/13	LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	09/28/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	09/28/13	LK	SW6010
Thallium	< 3.2	3.2	mg/Kg	09/28/13	LK	SW6010
Vanadium	46.8	0.36	mg/Kg	09/28/13	LK	SW6010
Zinc	59.5	0.36	mg/Kg	09/28/13	LK	SW6010
Percent Solid	89		%	09/25/13	W	E160.3
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545
Mercury Digestion	Completed			09/26/13	I/I	SW7471

Project ID: LARCHMONT
Client ID: B-8 (3-5 FT)

Phoenix I.D.: BF45192

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/25/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	470	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	94	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	94	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	63		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	74	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	74	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	09/26/13	AW	30 - 150 %	
% TCMX	74		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.5	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.5	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.5	ug/Kg	09/26/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.5	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.5	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.1	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.1	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.1	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.1	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	09/26/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	35	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	35	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	109		%	09/26/13	MH	30 - 150 %	
% TCMX	82		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.0	ug/Kg	09/25/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloroethene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,1-Dichloropropene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dibromoethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,2-Dichloropropane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,3-Dichloropropane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
2,2-Dichloropropane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
2-Chlorotoluene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
2-Hexanone	ND	33	ug/Kg	09/25/13	R/P	SW8260	
2-Isopropyltoluene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	1
4-Chlorotoluene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	33	ug/Kg	09/25/13	R/P	SW8260	
Acetone	ND	40	ug/Kg	09/25/13	R/P	SW8260	
Acrylonitrile	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Benzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Bromobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Bromochloromethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Bromodichloromethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Bromoform	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Bromomethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Carbon Disulfide	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Carbon tetrachloride	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Chlorobenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Chloroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Chloroform	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Chloromethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Dibromochloromethane	ND	4.0	ug/Kg	09/25/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-8 (3-5 FT)

Phoenix I.D.: BF45192

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Dichlorodifluoromethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Ethylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Hexachlorobutadiene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Isopropylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
m&p-Xylene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	40	ug/Kg	09/25/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	09/25/13	R/P	SW8260	
Methylene chloride	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Naphthalene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
n-Butylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
n-Propylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
o-Xylene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
p-Isopropyltoluene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
sec-Butylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Styrene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
tert-Butylbenzene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Tetrachloroethene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	09/25/13	R/P	SW8260	1
Toluene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Total Xylenes	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	09/25/13	R/P	SW8260	
Trichloroethene	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Trichlorofluoromethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
Vinyl chloride	ND	6.6	ug/Kg	09/25/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	09/25/13	R/P	70 - 130 %	
% Bromofluorobenzene	94		%	09/25/13	R/P	70 - 130 %	
% Dibromofluoromethane	109		%	09/25/13	R/P	70 - 130 %	
% Toluene-d8	98		%	09/25/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	370	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	590	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-8 (3-5 FT)

Phoenix I.D.: BF45192

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	590	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	590	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	590	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	560	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-8 (3-5 FT)

Phoenix I.D.: BF45192

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	370	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	260	ug/Kg	09/26/13	DD	SW 8270
Pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	370	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	114		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	79		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	100		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	62		%	09/26/13	DD	30 - 130 %
% Phenol-d5	94		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	85		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	12:30
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45193

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.34	0.34	mg/Kg	09/27/13	EK	SW6010	
Aluminum	18100	51	mg/Kg	09/27/13	EK	SW6010	
Arsenic	< 0.7	0.7	mg/Kg	09/27/13	EK	SW6010	
Barium	123	0.34	mg/Kg	09/27/13	EK	SW6010	
Beryllium	0.58	0.27	mg/Kg	09/27/13	EK	SW6010	
Calcium	1600	5.1	mg/Kg	09/27/13	EK	SW6010	
Cadmium	1.52	0.34	mg/Kg	09/27/13	EK	SW6010	
Cobalt	23.7	0.34	mg/Kg	09/27/13	EK	SW6010	
Chromium	38.9	0.34	mg/Kg	09/27/13	EK	SW6010	
Copper	90.9	0.34	mg/kg	09/27/13	EK	SW6010	
Iron	33200	51	mg/Kg	09/27/13	EK	SW6010	
Mercury	< 0.07	0.07	mg/Kg	09/26/13	RS	SW-7471	
Potassium	6650	51	mg/Kg	09/27/13	EK	SW6010	
Magnesium	8860	51	mg/Kg	09/27/13	EK	SW6010	
Manganese	715	3.4	mg/Kg	09/27/13	EK	SW6010	
Sodium	299	5.1	mg/Kg	09/27/13	EK	SW6010	B
Nickel	35.8	0.34	mg/Kg	09/27/13	EK	SW6010	
Lead	7.26	0.34	mg/Kg	09/27/13	EK	SW6010	B
Antimony	< 3.4	3.4	mg/Kg	09/27/13	EK	SW6010	
Selenium	< 2.5	2.5	mg/Kg	09/27/13	EK	SW6010	
Thallium	< 3.1	3.1	mg/Kg	09/28/13	LK	SW6010	
Vanadium	66.7	0.34	mg/Kg	09/27/13	EK	SW6010	
Zinc	74.4	0.34	mg/Kg	09/27/13	EK	SW6010	
Percent Solid	87		%	09/25/13	W	E160.3	
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545	
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545	
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545	
Mercury Digestion	Completed			09/26/13	I/I	SW7471	

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Phoenix I.D.: BF45193

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/26/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	47	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	470	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	94	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	47	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	94	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	63		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	94		%	09/26/13	AW	30 - 150 %	
% TCMX	67		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Chlordane	53	11	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	09/26/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Phoenix I.D.: BF45193

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	36	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	120		%	09/26/13	MH	30 - 150 %	
% TCMX	94		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	8.1	ug/Kg	09/26/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloropropene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromoethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloropropane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichloropropane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
2,2-Dichloropropane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
2-Chlorotoluene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
2-Hexanone	ND	68	ug/Kg	09/26/13	R/P	SW8260	
2-Isopropyltoluene	ND	14	ug/Kg	09/26/13	R/P	SW8260	1
4-Chlorotoluene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	68	ug/Kg	09/26/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/26/13	R/P	SW8260	
Acrylonitrile	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Benzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Bromobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Bromochloromethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Bromodichloromethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Bromoform	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Bromomethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Carbon Disulfide	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Carbon tetrachloride	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Chlorobenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Chloroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Chloroform	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Chloromethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Dibromochloromethane	ND	8.1	ug/Kg	09/26/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Phoenix I.D.: BF45193

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Dichlorodifluoromethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Ethylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Hexachlorobutadiene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Isopropylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
m&p-Xylene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	81	ug/Kg	09/26/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	27	ug/Kg	09/26/13	R/P	SW8260	
Methylene chloride	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Naphthalene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
n-Butylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
n-Propylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
o-Xylene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
p-Isopropyltoluene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
sec-Butylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Styrene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
tert-Butylbenzene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Tetrachloroethene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	27	ug/Kg	09/26/13	R/P	SW8260	1
Toluene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Total Xylenes	ND	14	ug/Kg	09/26/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	27	ug/Kg	09/26/13	R/P	SW8260	
Trichloroethene	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Trichlorofluoromethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	14	ug/Kg	09/26/13	R/P	SW8260	
Vinyl chloride	ND	14	ug/Kg	09/26/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	112		%	09/26/13	R/P	70 - 130 %	
% Bromofluorobenzene	92		%	09/26/13	R/P	70 - 130 %	
% Dibromofluoromethane	117		%	09/26/13	R/P	70 - 130 %	
% Toluene-d8	103		%	09/26/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	380	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	600	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Phoenix I.D.: BF45193

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	600	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	600	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	380	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	600	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	570	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-9 (3-5 FT)

Phoenix I.D.: BF45193

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	380	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	380	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	380	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	260	ug/Kg	09/26/13	DD	SW 8270
Pyrene	ND	260	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	380	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	98		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	85		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	82		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	84		%	09/26/13	DD	30 - 130 %
% Phenol-d5	89		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	106		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	09/24/13	12:45
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45194

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.38	0.38	mg/Kg	09/27/13	EK	SW6010	
Aluminum	17500	56	mg/Kg	09/27/13	EK	SW6010	
Arsenic	1.1	0.8	mg/Kg	09/27/13	EK	SW6010	
Barium	144	0.38	mg/Kg	09/27/13	EK	SW6010	
Beryllium	0.44	0.30	mg/Kg	09/27/13	EK	SW6010	
Calcium	1140	5.6	mg/Kg	09/27/13	EK	SW6010	
Cadmium	1.12	0.38	mg/Kg	09/27/13	EK	SW6010	
Cobalt	13.0	0.38	mg/Kg	09/27/13	EK	SW6010	
Chromium	41.4	0.38	mg/Kg	09/27/13	EK	SW6010	
Copper	38.4	0.38	mg/kg	09/27/13	EK	SW6010	
Iron	25400	56	mg/Kg	09/27/13	EK	SW6010	
Mercury	< 0.06	0.06	mg/Kg	09/26/13	RS	SW-7471	
Potassium	5940	56	mg/Kg	09/27/13	EK	SW6010	
Magnesium	6950	56	mg/Kg	09/27/13	EK	SW6010	
Manganese	424	3.8	mg/Kg	09/27/13	EK	SW6010	
Sodium	196	5.6	mg/Kg	09/27/13	EK	SW6010	B
Nickel	24.8	0.38	mg/Kg	09/27/13	EK	SW6010	
Lead	5.79	0.38	mg/Kg	09/27/13	EK	SW6010	B
Antimony	< 3.8	3.8	mg/Kg	09/27/13	EK	SW6010	
Selenium	< 1.5	1.5	mg/Kg	09/27/13	EK	SW6010	
Thallium	< 3.4	3.4	mg/Kg	09/28/13	LK	SW6010	
Vanadium	43.0	0.38	mg/Kg	09/27/13	EK	SW6010	
Zinc	50.2	0.38	mg/Kg	09/27/13	EK	SW6010	
Percent Solid	90		%	09/25/13	W	E160.3	
Soil Extraction for PCB	Completed			09/25/13	BB	SW3545	
Soil Extraction for Pesticide	Completed			09/25/13	BB/V	SW3545	
Soil Extraction for SVOA	Completed			09/25/13	JJ/FV	SW3545	
Mercury Digestion	Completed			09/26/13	I/I	SW7471	

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Phoenix I.D.: BF45194

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Soil Extraction for Herbicide	Completed			09/25/13	M/D	SW8151	
Total Metals Digest	Completed			09/26/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/24/13		SW5035	
Chlorinated Herbicides							
2,4,5-T	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4,5-TP (Silvex)	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4-D	ND	46	ug/Kg	09/27/13	CE	SW8151	
2,4-DB	ND	460	ug/Kg	09/27/13	CE	SW8151	
Dalapon	ND	46	ug/Kg	09/27/13	CE	SW8151	
Dicamba	ND	92	ug/Kg	09/27/13	CE	SW8151	
Dichloroprop	ND	46	ug/Kg	09/27/13	CE	SW8151	
Dinoseb	ND	92	ug/Kg	09/27/13	CE	SW8151	
QA/QC Surrogates							
% DCAA	62		%	09/27/13	CE	30 - 150 %	
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1221	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1232	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1242	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1248	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1254	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1260	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1262	ND	72	ug/Kg	09/26/13	AW	SW 8082	
PCB-1268	ND	72	ug/Kg	09/26/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	94		%	09/26/13	AW	30 - 150 %	
% TCMX	65		%	09/26/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
a-BHC	ND	3.4	ug/Kg	09/26/13	MH	SW8081	
Alachlor	ND	3.4	ug/Kg	09/26/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
b-BHC	ND	3.4	ug/Kg	09/26/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	09/26/13	MH	SW8081	
d-BHC	ND	3.4	ug/Kg	09/26/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Endosulfan I	ND	3.4	ug/Kg	09/26/13	MH	SW8081	
Endosulfan II	ND	6.9	ug/Kg	09/26/13	MH	SW8081	
Endosulfan sulfate	ND	6.9	ug/Kg	09/26/13	MH	SW8081	
Endrin	ND	6.9	ug/Kg	09/26/13	MH	SW8081	
Endrin aldehyde	ND	6.9	ug/Kg	09/26/13	MH	SW8081	
Endrin ketone	ND	6.9	ug/Kg	09/26/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	09/26/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	09/26/13	MH	SW8081	
Heptachlor epoxide	ND	3.4	ug/Kg	09/26/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Phoenix I.D.: BF45194

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Methoxychlor	ND	34	ug/Kg	09/26/13	MH	SW8081	
Toxaphene	ND	34	ug/Kg	09/26/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	92		%	09/26/13	MH	30 - 150 %	
% TCMX	85		%	09/26/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.7	ug/Kg	09/26/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,1-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dibromoethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,3-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
2,2-Dichloropropane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
2-Chlorotoluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
2-Hexanone	ND	56	ug/Kg	09/26/13	R/P	SW8260	
2-Isopropyltoluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	1
4-Chlorotoluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	56	ug/Kg	09/26/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	09/26/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Benzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromochloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromodichloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromoform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Bromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon Disulfide	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Carbon tetrachloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chlorobenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloroform	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Chloromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dibromochloromethane	ND	6.7	ug/Kg	09/26/13	R/P	SW8260	

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Phoenix I.D.: BF45194

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Dibromomethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Dichlorodifluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Ethylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Hexachlorobutadiene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Isopropylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
m&p-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	67	ug/Kg	09/26/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	22	ug/Kg	09/26/13	R/P	SW8260	
Methylene chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Naphthalene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
n-Butylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
n-Propylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
o-Xylene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
p-Isopropyltoluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
sec-Butylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Styrene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
tert-Butylbenzene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Tetrachloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	22	ug/Kg	09/26/13	R/P	SW8260	1
Toluene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Total Xylenes	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	22	ug/Kg	09/26/13	R/P	SW8260	
Trichloroethene	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorofluoromethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	11	ug/Kg	09/26/13	R/P	SW8260	
Vinyl chloride	ND	11	ug/Kg	09/26/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	112		%	09/26/13	R/P	70 - 130 %	
% Bromofluorobenzene	91		%	09/26/13	R/P	70 - 130 %	
% Dibromofluoromethane	112		%	09/26/13	R/P	70 - 130 %	
% Toluene-d8	102		%	09/26/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	360	ug/Kg	09/26/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dichlorophenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dimethylphenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrophenol	ND	580	ug/Kg	09/26/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2-Chloronaphthalene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2-Chlorophenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Phoenix I.D.: BF45194

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	09/26/13	DD	SW 8270	
2-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
2-Nitrophenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/26/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	09/26/13	DD	SW 8270	
3-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/26/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/26/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	ug/Kg	09/26/13	DD	SW 8270	
4-Chloroaniline	ND	250	ug/Kg	09/26/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	09/26/13	DD	SW 8270	
4-Nitroaniline	ND	580	ug/Kg	09/26/13	DD	SW 8270	
4-Nitrophenol	ND	1000	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Acenaphthylene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Acetophenone	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Aniline	ND	1000	ug/Kg	09/26/13	DD	SW 8270	
Anthracene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benz(a)anthracene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benzidine	ND	430	ug/Kg	09/26/13	DD	SW 8270	
Benzo(a)pyrene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benzo(ghi)perylene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Benzoic acid	ND	1000	ug/Kg	09/26/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/26/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	09/26/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Carbazole	ND	540	ug/Kg	09/26/13	DD	SW 8270	
Chrysene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Dibenzofuran	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Diethyl phthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Dimethylphthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Di-n-butylphthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Di-n-octylphthalate	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Fluoranthene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Fluorene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorobutadiene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Hexachloroethane	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Isophorone	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Naphthalene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
Nitrobenzene	ND	250	ug/Kg	09/26/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	360	ug/Kg	09/26/13	DD	SW 8270	

Project ID: LARCHMONT
Client ID: B-10 (3-5 FT)

Phoenix I.D.: BF45194

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	09/26/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/26/13	DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/26/13	DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/26/13	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	09/26/13	DD	SW 8270
Phenol	ND	250	ug/Kg	09/26/13	DD	SW 8270
Pyrene	ND	250	ug/Kg	09/26/13	DD	SW 8270
Pyridine	ND	360	ug/Kg	09/26/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	91		%	09/26/13	DD	30 - 130 %
% 2-Fluorobiphenyl	78		%	09/26/13	DD	30 - 130 %
% 2-Fluorophenol	82		%	09/26/13	DD	30 - 130 %
% Nitrobenzene-d5	53		%	09/26/13	DD	30 - 130 %
% Phenol-d5	83		%	09/26/13	DD	30 - 130 %
% Terphenyl-d14	69		%	09/26/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	08/18/13	0:00
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45195

Project ID: LARCHMONT
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	08/18/13		E160.3
Field Extraction	Completed			08/18/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	09/25/13	R/P	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2-Dibromoethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
2-Hexanone	ND	25	ug/Kg	09/25/13	R/P	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260

Project ID: LARCHMONT
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF45195

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	ug/Kg	09/25/13	R/P	SW8260	
Acetone	ND	30	ug/Kg	09/25/13	R/P	SW8260	
Acrylonitrile	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Benzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Bromobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Bromochloromethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Bromodichloromethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Bromoform	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Bromomethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Carbon Disulfide	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Carbon tetrachloride	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Chlorobenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Chloroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Chloroform	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Chloromethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Dibromochloromethane	ND	3.0	ug/Kg	09/25/13	R/P	SW8260	
Dibromomethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Ethylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Isopropylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
m&p-Xylene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	30	ug/Kg	09/25/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	09/25/13	R/P	SW8260	
Methylene chloride	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Naphthalene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
n-Butylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
n-Propylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
o-Xylene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
sec-Butylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Styrene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
tert-Butylbenzene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Tetrachloroethene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	09/25/13	R/P	SW8260	1
Toluene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Total Xylenes	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	09/25/13	R/P	SW8260	
Trichloroethene	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
Vinyl chloride	ND	5.0	ug/Kg	09/25/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	09/25/13	R/P	70 - 130 %	
% Bromofluorobenzene	98		%	09/25/13	R/P	70 - 130 %	
% Dibromofluoromethane	107		%	09/25/13	R/P	70 - 130 %	

Project ID: LARCHMONT
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF45195

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	101		%	09/25/13	R/P	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

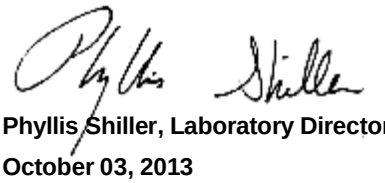
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 03, 2013

FOR: Attn: Mr Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MG	08/18/13	0:00
Location Code:	GALLI-ENG	Received by:	SW	09/25/13	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45185
Phoenix ID: BF45196

Project ID: LARCHMONT
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	08/18/13		E160.3
Field Extraction	Completed			08/18/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2-Dibromoethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	09/25/13	R/P	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	09/25/13	R/P	SW8260
2-Chlorotoluene	ND	250	ug/Kg	09/25/13	R/P	SW8260
2-Hexanone	ND	1300	ug/Kg	09/25/13	R/P	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	09/25/13	R/P	SW8260
4-Chlorotoluene	ND	250	ug/Kg	09/25/13	R/P	SW8260

Project ID: LARCHMONT
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF45196

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	ug/Kg	09/25/13	R/P	SW8260	
Acetone	ND	5000	ug/Kg	09/25/13	R/P	SW8260	
Acrylonitrile	ND	500	ug/Kg	09/25/13	R/P	SW8260	
Benzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Bromobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Bromochloromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Bromodichloromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Bromoform	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Bromomethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Carbon Disulfide	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Carbon tetrachloride	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Chlorobenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Chloroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Chloroform	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Chloromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Dibromochloromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Dibromomethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Dichlorodifluoromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Ethylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Hexachlorobutadiene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Isopropylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
m&p-Xylene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	3000	ug/Kg	09/25/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Methylene chloride	ND	500	ug/Kg	09/25/13	R/P	SW8260	
Naphthalene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
n-Butylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
n-Propylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
o-Xylene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
p-Isopropyltoluene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
sec-Butylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Styrene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
tert-Butylbenzene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Tetrachloroethene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	500	ug/Kg	09/25/13	R/P	SW8260	1
Toluene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Total Xylenes	ND	250	ug/Kg	09/25/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	09/25/13	R/P	SW8260	
Trichloroethene	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Trichlorofluoromethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	250	ug/Kg	09/25/13	R/P	SW8260	
Vinyl chloride	ND	250	ug/Kg	09/25/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	09/25/13	R/P	70 - 130 %	
% Bromofluorobenzene	93		%	09/25/13	R/P	70 - 130 %	
% Dibromofluoromethane	96		%	09/25/13	R/P	70 - 130 %	

Project ID: LARCHMONT
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF45196

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	100		%	09/25/13	R/P	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

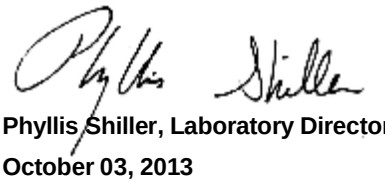
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
October 03, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 03, 2013

QA/QC Data

SDG I.D.: GBF45185

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 254769, QC Sample No: BF45028 (BF45185, BF45186, BF45187, BF45188, BF45189, BF45190)													
Mercury - Soil	BRL	<0.06	<0.08	NC	81.5	84.4	3.5	99.7	91.9	8.1	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 254714, QC Sample No: BF45197 (BF45185, BF45186, BF45187, BF45188, BF45189, BF45190, BF45191, BF45192)													
ICP Metals - Soil													
Aluminum	BRL	1780	2460 *	32.1	88.3	94.7	7.0	NC	NC	NC	75 - 125	30	r
Antimony	BRL	<1.8	<3.7	NC	101	113	11.2	95.3	95.4	0.1	75 - 125	30	
Arsenic	BRL	1.5	3.58	NC	95.8	108	12.0	96.3	95.4	0.9	75 - 125	30	
Barium	BRL	7.7	11.9 *	42.9	98.3	112	13.0	105	103	1.9	75 - 125	30	r
Beryllium	BRL	<0.29	<0.30	NC	98.2	105	6.7	92.8	91.7	1.2	75 - 125	30	
Cadmium	BRL	<0.36	0.34 B	NC	92.7	101	8.6	91.0	90.7	0.3	75 - 125	30	
Calcium	BRL	164	343 *	70.6	91.3	104	13.0	105	63.4	49.4	75 - 125	30	m,r
Chromium	BRL	3.69	6.64 *	57.1	96.4	104	7.6	99.5	92.6	7.2	75 - 125	30	r
Cobalt	BRL	0.95	1.19	NC	98.7	108	9.0	93.9	92.9	1.1	75 - 125	30	
Copper	BRL	4.20	5.12	19.7	99.7	109	8.9	95.7	94.2	1.6	75 - 125	30	
Iron	BRL	3330	7700 *	79.2	99.1	117	16.6	NC	NC	NC	75 - 125	30	r
Lead	BRL	12.6	13.4	6.20	93.2	104	11.0	96.2	94.9	1.4	75 - 125	30	
Magnesium	BRL	197	229	15.0	93.8	106	12.2	108	70.6	41.9	75 - 125	30	m,r
Manganese	BRL	24.1	30.6	23.8	95.5	111	15.0	95.0	91.1	4.2	75 - 125	30	
Nickel	BRL	2.46	3.02	20.4	95.4	103	7.7	93.7	92.1	1.7	75 - 125	30	
Potassium	BRL	178	227	24.2	107	117	8.9	112	103	8.4	75 - 125	30	
Selenium	BRL	<1.4	<1.5	NC	89.6	102	12.9	86.8	85.9	1.0	75 - 125	30	
Silver	BRL	<0.36	<0.37	NC	87.4	99.1	12.5	89.6	87.2	2.7	75 - 125	30	
Sodium	BRL	<7	4.4 B	NC	114	124	8.4	119	120	0.8	75 - 125	30	
Thallium	BRL	<1.4	<3.3	NC	92.7	104	11.5	97.6	97.8	0.2	75 - 125	30	
Vanadium	BRL	4.5	8.81 *	64.8	95.7	108	12.1	94.3	89.1	5.7	75 - 125	30	r
Zinc	BRL	14.9	18.9	23.7	91.6	102	10.7	95.2	92.3	3.1	75 - 125	30	
QA/QC Batch 254770, QC Sample No: BF45205 (BF45191, BF45192, BF45193, BF45194)													
Mercury - Soil	BRL	<0.08	0.04 B	NC	84.8	85.3	0.6	115	109	5.4	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 255007, QC Sample No: BF45589 (BF45193, BF45194)													
ICP Metals - Soil													
Aluminum	BRL	3580	3180	11.8	85.7	89.3	4.1	NC	NC	NC	75 - 125	30	
Antimony	BRL	<3.7	<3.3	NC	78.8	81.1	2.9	74.7	76.7	2.6	75 - 125	30	
Arsenic	BRL	1.3	2.60	NC	83.7	85.1	1.7	77.3	79.4	2.7	75 - 125	30	
Barium	BRL	31.0	44.2	35.1	97.7	98.5	0.8	80.9	83.6	3.3	75 - 125	30	r
Beryllium	BRL	<0.29	0.28	NC	90.3	94.3	4.3	86.0	87.9	2.2	75 - 125	30	
Cadmium	BRL	0.41	0.73	NC	82.7	83.3	0.7	76.4	78.3	2.5	75 - 125	30	
Calcium	BRL	1210	1610	28.4	90.3	91.4	1.2	NC	NC	NC	75 - 125	30	
Chromium	BRL	11.2	18.7	50.2	83.7	84.7	1.2	80.3	84.3	4.9	75 - 125	30	r

QA/QC Data

SDG I.D.: GBF45185

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Cobalt	BRL	3.59	3.85	7.00	85.0	87.3	2.7	78.3	80.6	2.9	75 - 125	30	
Copper	BRL	11.4	12.7	10.8	97.9	98.2	0.3	91.8	94.3	2.7	75 - 125	30	
Iron	BRL	7890	14300	57.8	90.9	97.6	7.1	NC	NC	NC	75 - 125	30	r
Lead	0.40	16.3	32.5	66.4	79.8	81.9	2.6	75.6	77.1	2.0	75 - 125	30	r
Magnesium	BRL	1400	1310	6.60	88.3	89.4	1.2	NC	NC	NC	75 - 125	30	
Manganese	BRL	72.4	117	47.1	88.0	88.6	0.7	71.7	72.2	0.7	75 - 125	30	m,r
Nickel	BRL	7.64	8.57	11.5	82.9	83.2	0.4	75.5	75.9	0.5	75 - 125	30	
Potassium	BRL	551	522	5.40	111	111	0.0	>130	>130	NC	75 - 125	30	m
Selenium	BRL	<1.5	<1.3	NC	82.1	84.7	3.1	77.4	78.9	1.9	75 - 125	30	
Silver	BRL	<0.37	<0.33	NC	88.1	88.8	0.8	84.9	87.2	2.7	75 - 125	30	
Sodium	16.2	234	158	38.8	127	121	4.8	103	129	22.4	75 - 125	30	l,m,r
Thallium	BRL	<3.3	<2.9	NC	85.1	85.5	0.5	80.2	82.2	2.5	75 - 125	30	
Vanadium	BRL	10.6	15.0	34.4	93.0	95.2	2.3	86.8	90.1	3.7	75 - 125	30	r
Zinc	BRL	33.7	83.8	85.3	80.6	84.2	4.4	75.8	80.4	5.9	75 - 125	30	r

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 03, 2013

QA/QC Data

SDG I.D.: GBF45185

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 254141, QC Sample No: BF43764 (BF45187, BF45188, BF45189, BF45190, BF45191, BF45192, BF45193, BF45194)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	59	84	35.0	64	64	0.0	40 - 140	30	r
2,4,5-TP (Silvex)	ND	69	80	14.8	70	69	1.4	40 - 140	30	
2,4-D	ND	60	68	12.5	71	75	5.5	40 - 140	30	
2,4-DB	ND	60	56	6.9	58	56	3.5	40 - 140	30	
Dalapon	ND	56	62	10.2	43	41	4.8	40 - 140	30	
Dicamba	ND	72	81	11.8	67	67	0.0	40 - 140	30	
Dichloroprop	ND	60	67	11.0	60	58	3.4	40 - 140	30	
Dinoseb	ND	86	84	2.4	71	68	4.3	40 - 140	30	
% DCAA (Surrogate Rec)	65	53	60	12.4	53	52	1.9	30 - 150	30	
QA/QC Batch 254744, QC Sample No: BF45184 (BF45185, BF45186)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	69	61	12.3	74	70	5.6	40 - 140	30	
2,4,5-TP (Silvex)	ND	72	68	5.7	81	76	6.4	40 - 140	30	
2,4-D	ND	64	59	8.1	69	69	0.0	40 - 140	30	
2,4-DB	ND	53	54	1.9	63	62	1.6	40 - 140	30	
Dalapon	ND	59	56	5.2	55	54	1.8	40 - 140	30	
Dicamba	ND	75	69	8.3	83	78	6.2	40 - 140	30	
Dichloroprop	ND	65	54	18.5	69	65	6.0	40 - 140	30	
Dinoseb	ND	98	80	20.2	79	78	1.3	40 - 140	30	
% DCAA (Surrogate Rec)	58	56	53	5.5	62	59	5.0	30 - 150	30	
QA/QC Batch 255027, QC Sample No: BF45192 (BF45185, BF45186, BF45187, BF45188, BF45189 (111X) , BF45190, BF45191, BF45192, BF45193, BF45194, BF45195, BF45196 (50X))										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	108	104	3.8	100	101	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	108	106	1.9	111	112	0.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	89	95	6.5	83	86	3.6	70 - 130	30	
1,1,2-Trichloroethane	ND	103	105	1.9	90	91	1.1	70 - 130	30	
1,1-Dichloroethane	ND	111	95	15.5	111	99	11.4	70 - 130	30	
1,1-Dichloroethene	ND	111	107	3.7	109	108	0.9	70 - 130	30	
1,1-Dichloropropene	ND	110	106	3.7	104	107	2.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	104	105	1.0	80	81	1.2	70 - 130	30	
1,2,3-Trichloropropane	ND	95	104	9.0	87	92	5.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	105	0.0	78	79	1.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	108	108	0.0	94	98	4.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	106	116	9.0	86	86	0.0	70 - 130	30	
1,2-Dibromoethane	ND	105	105	0.0	90	91	1.1	70 - 130	30	
1,2-Dichlorobenzene	ND	100	102	2.0	85	89	4.6	70 - 130	30	
1,2-Dichloroethane	ND	102	102	0.0	98	100	2.0	70 - 130	30	
1,2-Dichloropropane	ND	104	104	0.0	92	94	2.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	107	107	0.0	97	101	4.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBF45185

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichlorobenzene	ND	101	100	1.0	84	86	2.4	70 - 130	30
1,3-Dichloropropane	ND	105	103	1.9	91	94	3.2	70 - 130	30
1,4-Dichlorobenzene	ND	100	102	2.0	82	86	4.8	70 - 130	30
2,2-Dichloropropane	ND	105	104	1.0	106	107	0.9	70 - 130	30
2-Chlorotoluene	ND	106	107	0.9	91	97	6.4	70 - 130	30
2-Hexanone	ND	120	122	1.7	90	92	2.2	70 - 130	30
2-Isopropyltoluene	ND	110	109	0.9	99	103	4.0	70 - 130	30
4-Chlorotoluene	ND	99	102	3.0	86	91	5.6	70 - 130	30
4-Methyl-2-pentanone	ND	115	123	6.7	97	99	2.0	70 - 130	30
Acetone	ND	86	89	3.4	78	79	1.3	70 - 130	30
Acrylonitrile	ND	96	87	9.8	92	78	16.5	70 - 130	30
Benzene	ND	103	101	2.0	92	95	3.2	70 - 130	30
Bromobenzene	ND	102	104	1.9	88	91	3.4	70 - 130	30
Bromochloromethane	ND	102	105	2.9	90	101	11.5	70 - 130	30
Bromodichloromethane	ND	104	104	0.0	100	102	2.0	70 - 130	30
Bromoform	ND	107	108	0.9	96	97	1.0	70 - 130	30
Bromomethane	ND	122	102	17.9	108	99	8.7	70 - 130	30
Carbon Disulfide	ND	111	107	3.7	108	108	0.0	70 - 130	30
Carbon tetrachloride	ND	110	107	2.8	113	114	0.9	70 - 130	30
Chlorobenzene	ND	104	101	2.9	91	92	1.1	70 - 130	30
Chloroethane	ND	124	110	12.0	114	112	1.8	70 - 130	30
Chloroform	ND	103	102	1.0	99	104	4.9	70 - 130	30
Chloromethane	ND	118	106	10.7	88	83	5.8	70 - 130	30
cis-1,2-Dichloroethene	ND	106	113	6.4	92	94	2.2	70 - 130	30
cis-1,3-Dichloropropene	ND	106	104	1.9	90	92	2.2	70 - 130	30
Dibromochloromethane	ND	106	105	0.9	97	100	3.0	70 - 130	30
Dibromomethane	ND	103	103	0.0	90	92	2.2	70 - 130	30
Dichlorodifluoromethane	ND	135	130	3.8	78	80	2.5	70 - 130	30
Ethylbenzene	ND	105	100	4.9	96	98	2.1	70 - 130	30
Hexachlorobutadiene	ND	107	103	3.8	101	98	3.0	70 - 130	30
Isopropylbenzene	ND	113	111	1.8	97	103	6.0	70 - 130	30
m&p-Xylene	ND	107	101	5.8	96	98	2.1	70 - 130	30
Methyl ethyl ketone	ND	96	102	6.1	85	87	2.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	96	99	3.1	98	99	1.0	70 - 130	30
Methylene chloride	ND	102	102	0.0	99	99	0.0	70 - 130	30
Naphthalene	ND	110	117	6.2	85	86	1.2	70 - 130	30
n-Butylbenzene	ND	106	104	1.9	93	96	3.2	70 - 130	30
n-Propylbenzene	ND	108	106	1.9	95	98	3.1	70 - 130	30
o-Xylene	ND	111	107	3.7	100	102	2.0	70 - 130	30
p-Isopropyltoluene	ND	110	108	1.8	98	102	4.0	70 - 130	30
sec-Butylbenzene	ND	105	105	0.0	99	101	2.0	70 - 130	30
Styrene	ND	106	103	2.9	95	96	1.0	70 - 130	30
tert-Butylbenzene	ND	113	113	0.0	101	106	4.8	70 - 130	30
Tetrachloroethene	ND	106	101	4.8	99	99	0.0	70 - 130	30
Tetrahydrofuran (THF)	ND	103	113	9.3	90	92	2.2	70 - 130	30
Toluene	ND	104	101	2.9	93	94	1.1	70 - 130	30
trans-1,2-Dichloroethene	ND	109	106	2.8	106	105	0.9	70 - 130	30
trans-1,3-Dichloropropene	ND	104	104	0.0	94	94	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	102	106	3.8	79	82	3.7	70 - 130	30
Trichloroethene	ND	114	109	4.5	97	98	1.0	70 - 130	30
Trichlorofluoromethane	ND	120	114	5.1	123	120	2.5	70 - 130	30
Trichlorotrifluoroethane	ND	113	107	5.5	110	106	3.7	70 - 130	30
Vinyl chloride	ND	129	123	4.8	98	101	3.0	70 - 130	30

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% 1,2-dichlorobenzene-d4	102	98	100	2.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	96	102	99	3.0	103	99	4.0	70 - 130	30	
% Dibromofluoromethane	105	98	101	3.0	99	103	4.0	70 - 130	30	
% Toluene-d8	100	101	100	1.0	100	99	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 254698, QC Sample No: BF45197 (BF45185, BF45186, BF45187, BF45188, BF45189, BF45190, BF45191, BF45192, BF45193, BF45194)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	95	95	0.0	100	98	2.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	84	83	1.2	86	86	0.0	30 - 130	30	
1,2-Dichlorobenzene	ND	71	71	0.0	72	72	0.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	76	76	0.0	77	78	1.3	30 - 130	30	
1,3-Dichlorobenzene	ND	70	70	0.0	71	72	1.4	30 - 130	30	
1,4-Dichlorobenzene	ND	72	72	0.0	74	74	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	93	91	2.2	98	98	0.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	92	91	1.1	98	99	1.0	30 - 130	30	
2,4-Dichlorophenol	ND	85	84	1.2	90	88	2.2	30 - 130	30	
2,4-Dimethylphenol	ND	50	50	0.0	56	55	1.8	30 - 130	30	
2,4-Dinitrophenol	ND	13	12	8.0	37	36	2.7	30 - 130	30	l
2,4-Dinitrotoluene	ND	83	82	1.2	86	86	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	82	82	0.0	85	85	0.0	30 - 130	30	
2-Chloronaphthalene	ND	78	77	1.3	80	82	2.5	30 - 130	30	
2-Chlorophenol	ND	67	67	0.0	70	71	1.4	30 - 130	30	
2-Methylnaphthalene	ND	75	74	1.3	76	76	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	68	68	0.0	72	73	1.4	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
2-Nitrophenol	ND	78	78	0.0	82	82	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	69	69	0.0	73	72	1.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	133	129	3.1	127	123	3.2	30 - 130	30	l
3-Nitroaniline	ND	114	113	0.9	117	114	2.6	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	59	60	1.7	90	91	1.1	30 - 130	30	
4-Bromophenyl phenyl ether	ND	73	72	1.4	76	76	0.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	76	76	0.0	80	79	1.3	30 - 130	30	
4-Chloroaniline	ND	79	81	2.5	78	78	0.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	97	97	0.0	100	101	1.0	30 - 130	30	
4-Nitroaniline	ND	81	80	1.2	83	84	1.2	30 - 130	30	
4-Nitrophenol	ND	76	76	0.0	84	82	2.4	30 - 130	30	
Acenaphthene	ND	76	75	1.3	78	80	2.5	30 - 130	30	
Acenaphthylene	ND	75	74	1.3	77	79	2.6	30 - 130	30	
Acetophenone	ND	77	77	0.0	79	79	0.0	30 - 130	30	
Aniline	ND	76	75	1.3	73	73	0.0	30 - 130	30	
Anthracene	ND	84	84	0.0	87	87	0.0	30 - 130	30	
Benz(a)anthracene	ND	88	86	2.3	89	90	1.1	30 - 130	30	
Benzidine	ND	56	61	8.5	53	59	10.7	30 - 130	30	
Benzo(a)pyrene	ND	80	78	2.5	82	82	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	86	86	0.0	96	93	3.2	30 - 130	30	
Benzo(ghi)perylene	ND	84	84	0.0	89	88	1.1	30 - 130	30	
Benzo(k)fluoranthene	ND	91	90	1.1	89	93	4.4	30 - 130	30	
Benzyl butyl phthalate	ND	72	70	2.8	73	75	2.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	71	72	1.4	74	74	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	66	67	1.5	68	68	0.0	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroisopropyl)ether	ND	80	80	0.0	82	82	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	71	72	1.4	74	75	1.3	30 - 130	30	
Carbazole	ND	132	133	0.8	141	140	0.7	30 - 130	30	l,m
Chrysene	ND	86	84	2.4	88	88	0.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	89	88	1.1	94	92	2.2	30 - 130	30	
Dibenzofuran	ND	81	81	0.0	84	85	1.2	30 - 130	30	
Diethyl phthalate	ND	78	78	0.0	81	81	0.0	30 - 130	30	
Dimethylphthalate	ND	80	80	0.0	84	85	1.2	30 - 130	30	
Di-n-butylphthalate	ND	75	76	1.3	78	80	2.5	30 - 130	30	
Di-n-octylphthalate	ND	69	70	1.4	70	71	1.4	30 - 130	30	
Fluoranthene	ND	91	92	1.1	97	96	1.0	30 - 130	30	
Fluorene	ND	86	86	0.0	90	90	0.0	30 - 130	30	
Hexachlorobenzene	ND	77	75	2.6	78	79	1.3	30 - 130	30	
Hexachlorobutadiene	ND	94	92	2.2	96	94	2.1	30 - 130	30	
Hexachlorocyclopentadiene	ND	78	77	1.3	82	80	2.5	30 - 130	30	
Hexachloroethane	ND	68	69	1.5	71	70	1.4	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	88	87	1.1	92	91	1.1	30 - 130	30	
Isophorone	ND	78	78	0.0	80	80	0.0	30 - 130	30	
Naphthalene	ND	68	69	1.5	71	71	0.0	30 - 130	30	
Nitrobenzene	ND	75	76	1.3	78	78	0.0	30 - 130	30	
N-Nitrosodimethylamine	ND	62	62	0.0	63	63	0.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	79	81	2.5	82	82	0.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	94	94	0.0	99	98	1.0	30 - 130	30	
Pentachloronitrobenzene	ND	95	94	1.1	99	100	1.0	30 - 130	30	
Pentachlorophenol	ND	52	52	0.0	71	69	2.9	30 - 130	30	
Phenanthrene	ND	86	85	1.2	89	89	0.0	30 - 130	30	
Phenol	ND	72	72	0.0	75	75	0.0	30 - 130	30	
Pyrene	ND	91	91	0.0	96	96	0.0	30 - 130	30	
Pyridine	ND	55	55	0.0	52	52	0.0	30 - 130	30	
% 2,4,6-Tribromophenol	74	81	83	2.4	86	89	3.4	30 - 130	30	
% 2-Fluorobiphenyl	71	82	81	1.2	83	85	2.4	30 - 130	30	
% 2-Fluorophenol	59	63	63	0.0	66	66	0.0	30 - 130	30	
% Nitrobenzene-d5	69	74	74	0.0	77	77	0.0	30 - 130	30	
% Phenol-d5	68	72	72	0.0	75	76	1.3	30 - 130	30	
% Terphenyl-d14	82	101	101	0.0	106	107	0.9	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 254632, QC Sample No: BF45307 (BF45185, BF45186, BF45187, BF45188, BF45189, BF45190, BF45191, BF45192, BF45193, BF45194)

Pesticides - Soil

4,4' -DDD	ND	90	95	5.4	106	103	2.9	40 - 140	30	
4,4' -DDE	ND	97	99	2.0	99	93	6.3	40 - 140	30	
4,4' -DDT	ND	97	100	3.0	103	101	2.0	40 - 140	30	
a-BHC	ND	99	98	1.0	98	94	4.2	40 - 140	30	
a-Chlordane	ND	99	96	3.1	92	89	3.3	40 - 140	30	
Alachlor	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	103	97	6.0	94	90	4.3	40 - 140	30	
b-BHC	ND	105	104	1.0	105	102	2.9	40 - 140	30	
Chlordane	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
d-BHC	ND	101	98	3.0	96	91	5.3	40 - 140	30	
Dieldrin	ND	106	102	3.8	101	98	3.0	40 - 140	30	
Endosulfan I	ND	99	93	6.3	95	91	4.3	40 - 140	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endosulfan II	ND	100	96	4.1	102	97	5.0	40 - 140	30	
Endosulfan sulfate	ND	95	96	1.0	104	101	2.9	40 - 140	30	
Endrin	ND	93	98	5.2	99	92	7.3	40 - 140	30	
Endrin aldehyde	ND	110	110	0.0	114	116	1.7	40 - 140	30	
Endrin ketone	ND	100	97	3.0	104	103	1.0	40 - 140	30	
g-BHC	ND	100	99	1.0	100	97	3.0	40 - 140	30	
g-Chlordane	ND	98	93	5.2	92	88	4.4	40 - 140	30	
Heptachlor	ND	87	89	2.3	90	86	4.5	40 - 140	30	
Heptachlor epoxide	ND	96	91	5.3	91	88	3.4	40 - 140	30	
Methoxychlor	ND	78	75	3.9	115	115	0.0	40 - 140	30	
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	77	96	89	7.6	101	102	1.0	30 - 150	30	
% TCMX	84	106	102	3.8	98	95	3.1	30 - 150	30	
QA/QC Batch 254631, QC Sample No: BF45307 (BF45185, BF45186, BF45187, BF45188, BF45189, BF45190, BF45191, BF45192, BF45193, BF45194)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	97	101	4.0	101	96	5.1	40 - 140	30	
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND	106	110	3.7	110	108	1.8	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	113	123	119	3.3	122	118	3.3	30 - 150	30	
% TCMX (Surrogate Rec)	104	114	116	1.7	116	109	6.2	30 - 150	30	
QA/QC Batch 256017, QC Sample No: BF47420 (BF45188 (33X) , BF45190 (33X))										
Volatiles - Soil										
1,2,3-Trichlorobenzene	ND	104	109	4.7	114	118	3.4	70 - 130	30	
1,2,3-Trichloropropane	ND	92	96	4.3	99	98	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	107	112	4.6	123	124	0.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	100	104	3.9	112	111	0.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	104	107	2.8	105	110	4.7	70 - 130	30	
1,2-Dichlorobenzene	ND	98	102	4.0	110	109	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	97	102	5.0	113	110	2.7	70 - 130	30	
1,3-Dichlorobenzene	ND	99	100	1.0	109	109	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	98	100	2.0	110	110	0.0	70 - 130	30	
2-Chlorotoluene	ND	103	108	4.7	117	116	0.9	70 - 130	30	
2-Isopropyltoluene	ND	98	102	4.0	117	116	0.9	70 - 130	30	
4-Chlorotoluene	ND	100	103	3.0	115	113	1.8	70 - 130	30	
Bromobenzene	ND	99	101	2.0	108	108	0.0	70 - 130	30	
Hexachlorobutadiene	ND	86	89	3.4	116	117	0.9	70 - 130	30	
Isopropylbenzene	ND	109	112	2.7	125	121	3.3	70 - 130	30	
Naphthalene	ND	118	124	5.0	127	135	6.1	70 - 130	30	m
n-Butylbenzene	ND	98	103	5.0	119	118	0.8	70 - 130	30	
n-Propylbenzene	ND	102	106	3.8	118	118	0.0	70 - 130	30	
p-Isopropyltoluene	ND	99	104	4.9	119	118	0.8	70 - 130	30	
sec-Butylbenzene	ND	95	101	6.1	117	116	0.9	70 - 130	30	
tert-Butylbenzene	ND	102	106	3.8	119	118	0.8	70 - 130	30	
Tetrachloroethene	ND	100	95	5.1	111	109	1.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	102	108	5.7	100	102	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBF45185

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	103	100	101	1.0	99	98	1.0	70 - 130	30
% Bromofluorobenzene	91	97	94	3.1	95	91	4.3	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 03, 2013

Sample Criteria Exceedences Report

GBF45185 - GALLI-ENG

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45185	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BF45185	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BF45185	$8270-SMR	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1900	800	800	ug/Kg
BF45185	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	39000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	39000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	35000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	35000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	42000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	42000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	21000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	1300	800	800	ug/Kg
BF45185	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	33000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	33000	1300	1000	1000	ug/Kg
BF45185	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	17000	1300	500	500	ug/Kg
BF45185	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	17000	1300	500	500	ug/Kg
BF45185	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	5500	1300	330	330	ug/Kg
BF45185	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5500	1300	330	330	ug/Kg
BF45185	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	12	3.3	3.3	ug/Kg
BF45185	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	17.0	0.8	16	16	mg/Kg
BF45185	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	17.0	0.8	13	13	mg/Kg
BF45185	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.19	0.41	2.5	2.5	mg/Kg
BF45185	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.19	0.41	2.5	2.5	mg/Kg
BF45185	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	73.5	0.41	1	1	mg/Kg
BF45185	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	147	0.41	50	50	mg/kg
BF45185	PB-SM	Lead	NY / 375-6.8 Metals / Residential	477	4.1	400	400	mg/Kg
BF45185	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	477	4.1	63	63	mg/Kg
BF45185	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	391	4.1	109	109	mg/Kg
BF45186	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.6	0.41	1	1	mg/Kg
BF45187	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	12.7	0.40	1	1	mg/Kg
BF45188	$8260MAR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2400	330	1300	1300	ug/Kg
BF45188	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2300	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2400	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4600	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4600	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1700	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	280	800	800	ug/Kg
BF45188	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2800	280	1000	1000	ug/Kg
BF45188	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2800	280	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBF45185 - GALLI-ENG

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45188	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	280	500	500	ug/Kg
BF45188	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	280	500	500	ug/Kg
BF45188	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	520	280	330	330	ug/Kg
BF45188	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	520	280	330	330	ug/Kg
BF45188	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	9.6	2.4	3.3	3.3	ug/Kg
BF45188	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	17.6	0.8	16	16	mg/Kg
BF45188	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	17.6	0.8	13	13	mg/Kg
BF45188	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	18.1	0.38	1	1	mg/Kg
BF45188	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	66.4	0.38	50	50	mg/kg
BF45188	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	95.5	0.38	63	63	mg/Kg
BF45188	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	139	0.38	109	109	mg/Kg
BF45189	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	560	210	210	ug/Kg
BF45189	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	20	20	ug/Kg
BF45189	$8260MAR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	330	330	ug/Kg
BF45189	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	50	50	ug/Kg
BF45189	$8260MAR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	50	50	ug/Kg
BF45189	$8260MAR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	190	190	ug/Kg
BF45189	$8260MAR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	270	270	ug/Kg
BF45189	$8260MAR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	250	250	ug/Kg
BF45189	$8260MAR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3400	120	120	ug/Kg
BF45189	$8260MAR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	370	370	ug/Kg
BF45189	$8260MAR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1100	930	930	ug/Kg
BF45189	$8260MAR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	60	60	ug/Kg
BF45189	$8260MAR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	20	20	ug/Kg
BF45189	$8260MAR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	470	470	ug/Kg
BF45189	$8260MAR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4500	560	1000	1000	ug/Kg
BF45189	$8260MAR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5200	560	3600	3600	ug/Kg
BF45189	$8260MAR	Total Xylenes	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	560	260	260	ug/Kg
BF45189	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.0	0.40	1	1	mg/Kg
BF45190	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	560	330	330	ug/Kg
BF45190	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	560	330	330	ug/Kg
BF45190	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	560	1000	1000	ug/Kg
BF45190	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	560	1000	1000	ug/Kg
BF45190	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	560	500	500	ug/Kg
BF45190	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	560	500	500	ug/Kg
BF45190	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	560	330	330	ug/Kg
BF45190	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	560	330	330	ug/Kg
BF45190	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	18.4	0.42	1	1	mg/Kg
BF45190	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	68.4	4.2	50	50	mg/kg
BF45190	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	116	0.42	63	63	mg/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS
State: NY

GBF45185 - GALLI-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45191	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	120	50	50	ug/Kg
BF45191	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BF45191	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BF45191	$8270-SMR	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1900	800	800	ug/Kg
BF45191	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2700	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2600	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4800	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4800	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	1300	800	800	ug/Kg
BF45191	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2500	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	1300	1000	1000	ug/Kg
BF45191	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	500	500	ug/Kg
BF45191	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	500	500	ug/Kg
BF45191	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	ug/Kg
BF45191	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BF45191	$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	9.0	5	5	ug/Kg
BF45191	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	7.2	3.3	3.3	ug/Kg
BF45191	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	7.5	3.3	3.3	ug/Kg
BF45191	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	40.1	0.8	16	16	mg/Kg
BF45191	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	40.1	0.8	13	13	mg/Kg
BF45191	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.5	0.39	1	1	mg/Kg
BF45191	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	161	3.9	50	50	mg/kg
BF45191	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	229	3.9	63	63	mg/Kg
BF45191	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	222	3.9	109	109	mg/Kg
BF45192	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.7	0.36	1	1	mg/Kg
BF45193	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	38.9	0.34	1	1	mg/Kg
BF45193	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	90.9	0.34	50	50	mg/kg
BF45193	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.8	0.34	30	30	mg/Kg
BF45194	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	41.4	0.38	1	1	mg/Kg
BF45196	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BF45196	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BF45196	$8260MER	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5000	50	50	ug/Kg
BF45196	$8260MER	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	500	50	50	ug/Kg
BF45196	$8260MER	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BF45196	$8260MER	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3000	120	120	ug/Kg
BF45196	$8260MER	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg

Sample Criteria Exceedences Report

GBF45185 - GALLI-ENG

Requested Criteria: 375, 375RS
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45196	$8260MER	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 03, 2013

SDG I.D.: GBF45185

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: MGREMILLION@GALLIENG.COM

Customer: GALLI ENG
Address: MELVILLE, NY.

Project: LARCHMONT
Report to: M GREMILLION
Invoice to: L. LA SANTA

Project P.O:
Phone #:
Fax #:

Sampler's Signature: Michael F. Gremillion Date: 9/24/13

Client Sample - Information - Identification

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	TAL METALS	PCB's	PEST	HERB	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
45185	B-1 (2-4')	S	9/24	10:00	X	X	X	X	X	X		3	1							4
45186	B-2 (6-8')			10:15																
45187	B-3 (2-4')			10:30																
45188	B-4 (1-3')			11:00																
45189	B-5 (5-7')			11:15																
45190	B-6 (1-3')			11:30																
45191	B-7 (1-3')			11:45																
45192	B-8 (3-5')			12:00																
45193	B-9 (3-5')			12:30																
45194	B-10 (3-5')			12:45																
45195	TRIP Low	W	8/18	—								2								2
45196	TRIP High	W	8/18	—								1								1

Relinquished by:	Accepted by:	Date:	Time:
Michael F. Gremillion		9/25/13	11:10
		9-25-13	1526

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☒ Res. Criteria
☒ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☒ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☒ Phoenix Std Report
☒ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Friday, October 04, 2013

Attn: Mr. Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Project ID: LARCHMONT
Sample ID#s: BF45881 - BF45884

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 04, 2013

FOR: Attn: Mr. Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	MG	09/25/13	9:30
Location Code:	GALLI-ENG	Received by:	LB	09/26/13	16:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45881
Phoenix ID: BF45881

Project ID: LARCHMONT
Client ID: TW-B-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	09/27/13	LK	SW6010	
Aluminum	149	0.10	mg/L	10/01/13	LK	SW6010	
Arsenic	0.011	0.004	mg/L	09/27/13	LK	SW6010	
Barium	1.40	0.002	mg/L	09/27/13	LK	SW6010	
Beryllium	0.005	0.001	mg/L	09/27/13	LK	SW6010	
Calcium	54.7	0.010	mg/L	09/27/13	LK	SW6010	
Cadmium	0.011	0.001	mg/L	09/27/13	LK	SW6010	
Cobalt	0.189	0.002	mg/L	09/27/13	LK	SW6010	
Chromium	0.401	0.001	mg/L	09/27/13	LK	SW6010	
Copper	0.740	0.005	mg/L	09/27/13	LK	SW6010	
Silver (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Aluminum (Dissolved)	0.31	0.01	mg/L	09/27/13	EK	SW6010	
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/27/13	EK	SW6010	
Barium (Dissolved)	0.097	0.002	mg/L	09/27/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Calcium (Dissolved)	42.6	0.01	mg/L	09/27/13	EK	SW6010	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Cobalt (Dissolved)	0.012	0.001	mg/L	09/27/13	EK	SW6010	
Chromium (Dissolved)	0.001	0.001	mg/L	09/27/13	EK	SW6010	
Copper (Dissolved)	< 0.005	0.005	mg/L	09/27/13	EK	SW6010	
Iron (Dissolved)	0.332	0.011	mg/L	09/27/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium (Dissolved)	10.7	0.1	mg/L	09/27/13	EK	SW6010	B
Magnesium (Dissolved)	10.8	0.01	mg/L	09/27/13	EK	SW6010	
Manganese (Dissolved)	3.56	0.011	mg/L	10/02/13	LK	SW6010	
Sodium (Dissolved)	135	1.1	mg/L	10/02/13	LK	SW6010	B
Nickel (Dissolved)	0.012	0.001	mg/L	09/27/13	EK	SW6010	
Lead (Dissolved)	< 0.002	0.002	mg/L	09/27/13	EK	SW6010	

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	09/27/13	EK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/27/13	EK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	09/30/13	RS/TH	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	09/27/13	EK	SW6010	
Zinc (Dissolved)	0.002	0.002	mg/L	09/27/13	EK	SW6010	
Iron	385	0.10	mg/L	10/01/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium	74.6	1.0	mg/L	10/01/13	LK	SW6010	
Magnesium	67.8	0.01	mg/L	09/27/13	LK	SW6010	
Manganese	10.9	0.010	mg/L	10/01/13	LK	SW6010	
Sodium	110	0.1	mg/L	09/27/13	LK	SW6010	
Nickel	0.325	0.001	mg/L	09/27/13	LK	SW6010	
Lead	0.114	0.002	mg/L	09/27/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	09/27/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	10/01/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	09/30/13	RS/TH	SM3113B/SW70	
Vanadium	0.495	0.002	mg/L	09/27/13	LK	SW6010	
Zinc	0.602	0.002	mg/L	09/27/13	LK	SW6010	
Filtration	Completed			09/26/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed			09/27/13	I/I	SW7470	
Mercury Digestion	Completed			09/27/13	I/I	SW7470	
PCB Extraction	Completed			09/26/13	T	SW3510C	
Extraction for Pest (2 Liter)	Completed			09/26/13	T	SW3510	
Semi-Volatile Extraction	Completed			09/26/13	E/X/K/D	SW3520	
Dissolved Metals Preparation	Completed			09/26/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed			09/26/13	AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1221	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1232	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1242	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1248	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1254	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1260	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1262	ND	0.056	ug/L	09/27/13	AW	8082	
PCB-1268	ND	0.056	ug/L	09/27/13	AW	8082	
QA/QC Surrogates							
% DCBP	89		%	09/27/13	AW	30 - 150 %	
% TCMX	69		%	09/27/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	0.010	ug/L	10/01/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	10/01/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	10/01/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	10/01/13	MH	SW8081	
Alachlor	ND	0.083	ug/L	10/01/13	MH	SW8081	1
Aldrin	ND	0.003	ug/L	10/01/13	MH	SW8081	
b-BHC	ND	0.006	ug/L	10/01/13	MH	SW8081	
Chlordane	0.65	0.33	ug/L	10/01/13	MH	SW8081	

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.028	ug/L	10/01/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	10/01/13	MH	SW8081	
Endosulfan I	ND	0.056	ug/L	10/01/13	MH	SW8081	
Endosulfan II	ND	0.056	ug/L	10/01/13	MH	SW8081	
Endosulfan Sulfate	ND	0.056	ug/L	10/01/13	MH	SW8081	
Endrin	ND	0.010	ug/L	10/01/13	MH	SW8081	
Endrin Aldehyde	ND	0.056	ug/L	10/01/13	MH	SW8081	
Endrin ketone	ND	0.056	ug/L	10/01/13	MH	SW8081	
g-BHC (Lindane)	ND	0.028	ug/L	10/01/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	10/01/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	10/01/13	MH	SW8081	
Methoxychlor	ND	0.11	ug/L	10/01/13	MH	SW8081	
Toxaphene	ND	0.28	ug/L	10/01/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	Interference		%	10/01/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	97		%	10/01/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	09/27/13	HM	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
2-Hexanone	ND	5.0	ug/L	09/27/13	HM	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	09/27/13	HM	SW8260	
Acetone	ND	25	ug/L	09/27/13	HM	SW8260	
Acrylonitrile	ND	5.0	ug/L	09/27/13	HM	SW8260	
Benzene	ND	0.70	ug/L	09/27/13	HM	SW8260	
Bromobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromochloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromodichloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260	

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/27/13	HM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,2-Dichloroethene	2.8	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Ethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/27/13	HM	SW8260	
Isopropylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/27/13	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methylene chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Naphthalene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Propylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
o-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Styrene	ND	1.0	ug/L	09/27/13	HM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Tetrachloroethene	23	1.0	ug/L	09/27/13	HM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	09/27/13	HM	SW8260	1
Toluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Total Xylenes	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/27/13	HM	SW8260	
Trichloroethene	2.3	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	09/27/13	HM	70 - 130 %	
% Bromofluorobenzene	98		%	09/27/13	HM	70 - 130 %	
% Dibromofluoromethane	102		%	09/27/13	HM	70 - 130 %	
% Toluene-d8	101		%	09/27/13	HM	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,2-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,2-Diphenylhydrazine	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,3-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dimethylphenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	09/29/13	DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	09/29/13	DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	09/29/13	DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	09/29/13	DD	SW8270
2-Chlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	09/29/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/29/13	DD	SW8270
2-Nitroaniline	ND	50	ug/L	09/29/13	DD	SW8270
2-Nitrophenol	ND	10	ug/L	09/29/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/29/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	09/29/13	DD	SW8270
3-Nitroaniline	ND	50	ug/L	09/29/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/29/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	09/29/13	DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/29/13	DD	SW8270
4-Chloroaniline	ND	20	ug/L	09/29/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	09/29/13	DD	SW8270
4-Nitroaniline	ND	20	ug/L	09/29/13	DD	SW8270
4-Nitrophenol	ND	50	ug/L	09/29/13	DD	SW8270
Acetophenone	ND	5.0	ug/L	09/29/13	DD	SW8270
Aniline	ND	10	ug/L	09/29/13	DD	SW8270
Anthracene	ND	5.0	ug/L	09/29/13	DD	SW8270
Benzidine	ND	50	ug/L	09/29/13	DD	SW8270
Benzoic acid	ND	50	ug/L	09/29/13	DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	09/29/13	DD	SW8270
Carbazole	ND	5.0	ug/L	09/29/13	DD	SW8270
Dibenzofuran	ND	5.0	ug/L	09/29/13	DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Fluoranthene	ND	5.0	ug/L	09/29/13	DD	SW8270
Fluorene	ND	5.0	ug/L	09/29/13	DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	09/29/13	DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	09/29/13	DD	SW8270
Isophorone	ND	5.0	ug/L	09/29/13	DD	SW8270
Naphthalene	ND	5.0	ug/L	09/29/13	DD	SW8270
Nitrobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
Phenol	ND	5.0	ug/L	09/29/13	DD	SW8270

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.0	ug/L	09/29/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	109		%	09/29/13	DD	15 - 130 %
% 2-Fluorobiphenyl	97		%	09/29/13	DD	30 - 130 %
% 2-Fluorophenol	70		%	09/29/13	DD	15 - 130 %
% Nitrobenzene-d5	108		%	09/29/13	DD	30 - 130 %
% Phenol-d5	67		%	09/29/13	DD	15 - 130 %
% Terphenyl-d14	103		%	09/29/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/27/13	DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/27/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/27/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	09/27/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	109		%	09/27/13	DD	15 - 130 %
% 2-Fluorobiphenyl	97		%	09/27/13	DD	30 - 130 %
% 2-Fluorophenol	70		%	09/27/13	DD	15 - 130 %
% Nitrobenzene-d5	108		%	09/27/13	DD	30 - 130 %
% Phenol-d5	67		%	09/27/13	DD	15 - 130 %
% Terphenyl-d14	103		%	09/27/13	DD	30 - 130 %

Project ID: LARCHMONT
Client ID: TW-B-10

Phoenix I.D.: BF45881

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
October 04, 2013
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 04, 2013

FOR: Attn: Mr. Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	MG	09/25/13	9:45
Location Code:	GALLI-ENG	Received by:	LB	09/26/13	16:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45881
Phoenix ID: BF45882

Project ID: LARCHMONT
Client ID: TW-B-6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.002	0.002	mg/L	09/27/13	LK	SW6010	
Aluminum	166	0.10	mg/L	10/01/13	LK	SW6010	
Arsenic	0.018	0.004	mg/L	09/27/13	LK	SW6010	
Barium	2.90	0.002	mg/L	09/27/13	LK	SW6010	
Beryllium	0.009	0.001	mg/L	09/27/13	LK	SW6010	
Calcium	205	0.10	mg/L	10/01/13	LK	SW6010	
Cadmium	0.013	0.001	mg/L	09/27/13	LK	SW6010	
Cobalt	0.478	0.002	mg/L	09/27/13	LK	SW6010	
Chromium	0.471	0.001	mg/L	09/27/13	LK	SW6010	
Copper	0.912	0.005	mg/L	09/27/13	LK	SW6010	
Silver (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Aluminum (Dissolved)	2.09	0.01	mg/L	09/27/13	EK	SW6010	
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/27/13	EK	SW6010	
Barium (Dissolved)	0.081	0.002	mg/L	09/27/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Calcium (Dissolved)	76.8	0.01	mg/L	09/27/13	EK	SW6010	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Cobalt (Dissolved)	0.003	0.001	mg/L	09/27/13	EK	SW6010	
Chromium (Dissolved)	0.005	0.001	mg/L	09/27/13	EK	SW6010	
Copper (Dissolved)	0.008	0.005	mg/L	09/27/13	EK	SW6010	
Iron (Dissolved)	3.20	0.011	mg/L	09/27/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium (Dissolved)	12.9	0.1	mg/L	09/27/13	EK	SW6010	B
Magnesium (Dissolved)	14.1	0.01	mg/L	09/27/13	EK	SW6010	
Manganese (Dissolved)	0.435	0.001	mg/L	09/27/13	EK	SW6010	
Sodium (Dissolved)	191	1.1	mg/L	10/02/13	LK	SW6010	B
Nickel (Dissolved)	0.006	0.001	mg/L	09/27/13	EK	SW6010	
Lead (Dissolved)	< 0.002	0.002	mg/L	09/27/13	EK	SW6010	

Project ID: LARCHMONT
Client ID: TW-B-6

Phoenix I.D.: BF45882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	09/27/13	EK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/27/13	EK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	09/30/13	RS/TH	SW7010	
Vanadium (Dissolved)	0.008	0.002	mg/L	09/27/13	EK	SW6010	
Zinc (Dissolved)	0.010	0.002	mg/L	09/27/13	EK	SW6010	
Iron	428	0.10	mg/L	10/01/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium	96.8	1.0	mg/L	10/01/13	LK	SW6010	
Magnesium	115	0.10	mg/L	10/01/13	LK	SW6010	
Manganese	32.7	0.10	mg/L	10/02/13	LK	SW6010	
Sodium	154	0.1	mg/L	09/27/13	LK	SW6010	
Nickel	0.586	0.001	mg/L	09/27/13	LK	SW6010	
Lead	0.090	0.002	mg/L	09/27/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	09/27/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	10/01/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	10/01/13	RS/TH	SM3113B/SW70	
Vanadium	0.486	0.002	mg/L	09/27/13	LK	SW6010	
Zinc	0.822	0.002	mg/L	09/27/13	LK	SW6010	
Filtration	Completed			09/26/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed			09/27/13	I/I	SW7470	
Mercury Digestion	Completed			09/27/13	I/I	SW7470	
PCB Extraction	Completed			09/26/13	T	SW3510C	
Extraction for Pest (2 Liter)	Completed			09/26/13	T	SW3510	
Semi-Volatile Extraction	Completed			09/26/13	E/X/K/D	SW3520	
Dissolved Metals Preparation	Completed			09/26/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed			09/26/13	AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1221	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1232	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1242	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1248	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1254	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1260	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1262	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1268	ND	0.050	ug/L	09/27/13	AW	8082	
QA/QC Surrogates							
% DCBP	146		%	09/27/13	AW	30 - 150 %	
% TCMX	95		%	09/27/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	0.50	ug/L	09/27/13	MH	SW8081	
4,4' -DDE	ND*	0.50	ug/L	09/27/13	MH	SW8081	
4,4' -DDT	ND*	0.50	ug/L	09/27/13	MH	SW8081	
a-BHC	ND*	0.25	ug/L	09/27/13	MH	SW8081	
Alachlor	ND*	0.75	ug/L	09/27/13	MH	SW8081	1
Aldrin	ND*	0.015	ug/L	09/27/13	MH	SW8081	
b-BHC	ND*	0.050	ug/L	09/27/13	MH	SW8081	
Chlordane	0.29	0.20	ug/L	09/27/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND*	0.25	ug/L	09/27/13	MH	SW8081	
Dieldrin	ND*	0.015	ug/L	09/27/13	MH	SW8081	
Endosulfan I	ND*	0.50	ug/L	09/27/13	MH	SW8081	
Endosulfan II	ND*	0.50	ug/L	09/27/13	MH	SW8081	
Endosulfan Sulfate	ND*	0.50	ug/L	09/27/13	MH	SW8081	
Endrin	ND*	0.50	ug/L	09/27/13	MH	SW8081	
Endrin Aldehyde	ND*	0.50	ug/L	09/27/13	MH	SW8081	
Endrin ketone	ND*	0.50	ug/L	09/27/13	MH	SW8081	
g-BHC (Lindane)	ND*	0.25	ug/L	09/27/13	MH	SW8081	
Heptachlor	ND*	0.25	ug/L	09/27/13	MH	SW8081	
Heptachlor epoxide	ND*	0.25	ug/L	09/27/13	MH	SW8081	
Methoxychlor	ND*	1.0	ug/L	09/27/13	MH	SW8081	
Toxaphene	ND*	10	ug/L	09/27/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	Diluted Out		%	09/27/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	Diluted Out		%	09/27/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/28/13	HM	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2,4-Trimethylbenzene	9.2	1.0	ug/L	09/28/13	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	09/28/13	HM	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,3,5-Trimethylbenzene	5.8	1.0	ug/L	09/28/13	HM	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	09/28/13	HM	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	09/28/13	HM	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	09/28/13	HM	SW8260	
2-Hexanone	ND	5.0	ug/L	09/28/13	HM	SW8260	
2-Isopropyltoluene	1.0	1.0	ug/L	09/28/13	HM	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	09/28/13	HM	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	09/28/13	HM	SW8260	
Acetone	ND	25	ug/L	09/28/13	HM	SW8260	
Acrylonitrile	ND	5.0	ug/L	09/28/13	HM	SW8260	
Benzene	ND	0.70	ug/L	09/28/13	HM	SW8260	
Bromobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Bromochloromethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Bromodichloromethane	ND	0.50	ug/L	09/28/13	HM	SW8260	

Project ID: LARCHMONT
Client ID: TW-B-6

Phoenix I.D.: BF45882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	09/28/13	HM	SW8260	
Bromomethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/28/13	HM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/28/13	HM	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Chloroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Chloroform	ND	1.0	ug/L	09/28/13	HM	SW8260	
Chloromethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/28/13	HM	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/28/13	HM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	09/28/13	HM	SW8260	
Dibromomethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Ethylbenzene	5.8	1.0	ug/L	09/28/13	HM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/28/13	HM	SW8260	
Isopropylbenzene	4.7	1.0	ug/L	09/28/13	HM	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/28/13	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/28/13	HM	SW8260	
Methylene chloride	ND	1.0	ug/L	09/28/13	HM	SW8260	
Naphthalene	29	1.0	ug/L	09/28/13	HM	SW8260	
n-Butylbenzene	3.0	1.0	ug/L	09/28/13	HM	SW8260	
n-Propylbenzene	6.5	1.0	ug/L	09/28/13	HM	SW8260	
o-Xylene	ND	1.0	ug/L	09/28/13	HM	SW8260	
p-Isopropyltoluene	1.6	1.0	ug/L	09/28/13	HM	SW8260	
sec-Butylbenzene	5.0	1.0	ug/L	09/28/13	HM	SW8260	
Styrene	ND	1.0	ug/L	09/28/13	HM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Tetrachloroethene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	09/28/13	HM	SW8260	1
Toluene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Total Xylenes	ND	1.0	ug/L	09/28/13	HM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/28/13	HM	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/28/13	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/28/13	HM	SW8260	
Trichloroethene	ND	1.0	ug/L	09/28/13	HM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/28/13	HM	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/28/13	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	09/28/13	HM	70 - 130 %	
% Bromofluorobenzene	100		%	09/28/13	HM	70 - 130 %	
% Dibromofluoromethane	99		%	09/28/13	HM	70 - 130 %	
% Toluene-d8	103		%	09/28/13	HM	70 - 130 %	
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,2-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,2-Diphenylhydrazine	ND	5.0	ug/L	09/29/13	DD	SW8270	
1,3-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270	

Project ID: LARCHMONT
Client ID: TW-B-6

Phoenix I.D.: BF45882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dimethylphenol	ND	10	ug/L	09/29/13	DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	09/29/13	DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	09/29/13	DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	09/29/13	DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	09/29/13	DD	SW8270
2-Chlorophenol	ND	10	ug/L	09/29/13	DD	SW8270
2-Methylnaphthalene	33	5.0	ug/L	09/29/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	09/29/13	DD	SW8270
2-Nitroaniline	ND	50	ug/L	09/29/13	DD	SW8270
2-Nitrophenol	ND	10	ug/L	09/29/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	09/29/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	09/29/13	DD	SW8270
3-Nitroaniline	ND	50	ug/L	09/29/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	09/29/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	09/29/13	DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	09/29/13	DD	SW8270
4-Chloroaniline	ND	20	ug/L	09/29/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	09/29/13	DD	SW8270
4-Nitroaniline	ND	20	ug/L	09/29/13	DD	SW8270
4-Nitrophenol	ND	50	ug/L	09/29/13	DD	SW8270
Acetophenone	ND	5.0	ug/L	09/29/13	DD	SW8270
Aniline	ND	10	ug/L	09/29/13	DD	SW8270
Anthracene	ND	5.0	ug/L	09/29/13	DD	SW8270
Benzidine	ND	50	ug/L	09/29/13	DD	SW8270
Benzoic acid	ND	50	ug/L	09/29/13	DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	09/29/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	09/29/13	DD	SW8270
Carbazole	ND	5.0	ug/L	09/29/13	DD	SW8270
Dibenzofuran	ND	5.0	ug/L	09/29/13	DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	09/29/13	DD	SW8270
Fluoranthene	ND	5.0	ug/L	09/29/13	DD	SW8270
Fluorene	ND	5.0	ug/L	09/29/13	DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	09/29/13	DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	09/29/13	DD	SW8270
Isophorone	ND	5.0	ug/L	09/29/13	DD	SW8270
Naphthalene	8.8	5.0	ug/L	09/29/13	DD	SW8270
Nitrobenzene	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	09/29/13	DD	SW8270
Phenol	ND	5.0	ug/L	09/29/13	DD	SW8270

Project ID: LARCHMONT
Client ID: TW-B-6

Phoenix I.D.: BF45882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.0	ug/L	09/29/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	102		%	09/29/13	DD	15 - 130 %
% 2-Fluorobiphenyl	81		%	09/29/13	DD	30 - 130 %
% 2-Fluorophenol	76		%	09/29/13	DD	15 - 130 %
% Nitrobenzene-d5	105		%	09/29/13	DD	30 - 130 %
% Phenol-d5	71		%	09/29/13	DD	15 - 130 %
% Terphenyl-d14	110		%	09/29/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthene	2.8	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthylene	0.58	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.07	0.040	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	09/27/13	DD	SW8270 (SIM)
Chrysene	0.06	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	09/27/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	09/27/13	DD	SW8270 (SIM)
Phenanthrene	7.2	0.050	ug/L	09/27/13	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	09/27/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	102		%	09/27/13	DD	15 - 130 %
% 2-Fluorobiphenyl	81		%	09/27/13	DD	30 - 130 %
% 2-Fluorophenol	76		%	09/27/13	DD	15 - 130 %
% Nitrobenzene-d5	105		%	09/27/13	DD	30 - 130 %
% Phenol-d5	71		%	09/27/13	DD	15 - 130 %
% Terphenyl-d14	110		%	09/27/13	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

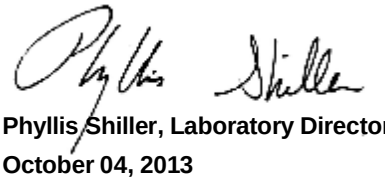
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
October 04, 2013
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

October 04, 2013

FOR: Attn: Mr. Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	MG	09/25/13	11:30
Location Code:	GALLI-ENG	Received by:	LB	09/26/13	16:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45881
Phoenix ID: BF45883

Project ID: LARCHMONT
Client ID: TW-B-8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	09/27/13	LK	SW6010	
Aluminum	14.3	0.010	mg/L	09/27/13	LK	SW6010	
Arsenic	< 0.004	0.004	mg/L	09/27/13	LK	SW6010	
Barium	0.220	0.002	mg/L	09/27/13	LK	SW6010	
Beryllium	< 0.001	0.001	mg/L	09/27/13	LK	SW6010	
Calcium	52.6	0.010	mg/L	09/27/13	LK	SW6010	
Cadmium	< 0.001	0.001	mg/L	09/27/13	LK	SW6010	
Cobalt	0.017	0.002	mg/L	09/27/13	LK	SW6010	
Chromium	0.054	0.001	mg/L	09/27/13	LK	SW6010	
Copper	0.043	0.005	mg/L	09/27/13	LK	SW6010	
Silver (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Aluminum (Dissolved)	0.71	0.01	mg/L	09/27/13	EK	SW6010	
Arsenic (Dissolved)	< 0.004	0.004	mg/L	09/27/13	EK	SW6010	
Barium (Dissolved)	0.086	0.002	mg/L	09/27/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Calcium (Dissolved)	53.7	0.01	mg/L	09/27/13	EK	SW6010	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/27/13	EK	SW6010	
Cobalt (Dissolved)	0.005	0.001	mg/L	09/27/13	EK	SW6010	
Chromium (Dissolved)	0.003	0.001	mg/L	09/27/13	EK	SW6010	
Copper (Dissolved)	< 0.005	0.005	mg/L	09/27/13	EK	SW6010	
Iron (Dissolved)	0.945	0.011	mg/L	09/27/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium (Dissolved)	11.5	0.1	mg/L	09/27/13	EK	SW6010	B
Magnesium (Dissolved)	14.7	0.01	mg/L	09/27/13	EK	SW6010	
Manganese (Dissolved)	2.21	0.011	mg/L	10/02/13	LK	SW6010	
Sodium (Dissolved)	65.9	1.1	mg/L	10/02/13	LK	SW6010	B
Nickel (Dissolved)	0.012	0.001	mg/L	09/27/13	EK	SW6010	
Lead (Dissolved)	< 0.002	0.002	mg/L	09/27/13	EK	SW6010	

Project ID: LARCHMONT
Client ID: TW-B-8

Phoenix I.D.: BF45883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	09/27/13	EK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	09/27/13	EK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	09/30/13	RS/TH	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	09/27/13	EK	SW6010	
Zinc (Dissolved)	0.004	0.002	mg/L	09/27/13	EK	SW6010	
Iron	23.0	0.010	mg/L	09/27/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	09/27/13	RS	SW7470	
Potassium	18.1	0.1	mg/L	09/27/13	LK	SW6010	
Magnesium	19.6	0.01	mg/L	09/27/13	LK	SW6010	
Manganese	2.14	0.010	mg/L	10/02/13	LK	SW6010	
Sodium	73.7	0.1	mg/L	09/27/13	LK	SW6010	
Nickel	0.039	0.001	mg/L	09/27/13	LK	SW6010	
Lead	0.006	0.002	mg/L	09/27/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	09/27/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	09/27/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	10/01/13	RS/TH	SM3113B/SW70	
Vanadium	0.037	0.002	mg/L	09/27/13	LK	SW6010	
Zinc	0.059	0.002	mg/L	09/27/13	LK	SW6010	
Filtration	Completed			09/26/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed			09/27/13	I/I	SW7470	
Mercury Digestion	Completed			09/27/13	I/I	SW7470	
PCB Extraction	Completed			09/26/13	T	SW3510C	
Extraction for Pest (2 Liter)	Completed			09/26/13	T	SW3510	
Semi-Volatile Extraction	Completed			09/26/13	E/X/K/D	SW3520	
Dissolved Metals Preparation	Completed			09/26/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed			09/26/13	AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1221	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1232	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1242	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1248	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1254	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1260	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1262	ND	0.050	ug/L	09/27/13	AW	8082	
PCB-1268	ND	0.050	ug/L	09/27/13	AW	8082	
QA/QC Surrogates							
% DCBP	93		%	09/27/13	AW	30 - 150 %	
% TCMX	68		%	09/27/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	0.010	ug/L	10/01/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	10/01/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	10/01/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	10/01/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	10/01/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	10/01/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	10/01/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	10/01/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND	0.025	ug/L	10/01/13	MH	SW8081
Dieldrin	ND	0.002	ug/L	10/01/13	MH	SW8081
Endosulfan I	ND	0.050	ug/L	10/01/13	MH	SW8081
Endosulfan II	ND	0.050	ug/L	10/01/13	MH	SW8081
Endosulfan Sulfate	ND	0.050	ug/L	10/01/13	MH	SW8081
Endrin	ND	0.010	ug/L	10/01/13	MH	SW8081
Endrin Aldehyde	ND	0.050	ug/L	10/01/13	MH	SW8081
Endrin ketone	ND	0.050	ug/L	10/01/13	MH	SW8081
g-BHC (Lindane)	ND	0.025	ug/L	10/01/13	MH	SW8081
Heptachlor	ND	0.010	ug/L	10/01/13	MH	SW8081
Heptachlor epoxide	ND	0.010	ug/L	10/01/13	MH	SW8081
Methoxychlor	ND	0.10	ug/L	10/01/13	MH	SW8081
Toxaphene	ND	0.25	ug/L	10/01/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	122		%	10/01/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	81		%	10/01/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/27/13	HM	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	09/27/13	HM	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260
2-Hexanone	ND	5.0	ug/L	09/27/13	HM	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260 [1]
4-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/27/13	HM	SW8260
Acetone	ND	25	ug/L	09/27/13	HM	SW8260
Acrylonitrile	ND	5.0	ug/L	09/27/13	HM	SW8260
Benzene	ND	0.70	ug/L	09/27/13	HM	SW8260
Bromobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260
Bromochloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260

Project ID: LARCHMONT
Client ID: TW-B-8

Phoenix I.D.: BF45883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/27/13	HM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Ethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/27/13	HM	SW8260	
Isopropylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/27/13	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methylene chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Naphthalene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Propylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
o-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Styrene	ND	1.0	ug/L	09/27/13	HM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Tetrachloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	09/27/13	HM	SW8260	1
Toluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Total Xylenes	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/27/13	HM	SW8260	
Trichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/27/13	HM	70 - 130 %	
% Bromofluorobenzene	99		%	09/27/13	HM	70 - 130 %	
% Dibromofluoromethane	103		%	09/27/13	HM	70 - 130 %	
% Toluene-d8	101		%	09/27/13	HM	70 - 130 %	
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.3	ug/L	09/29/13	DD	SW8270	
1,2-Dichlorobenzene	ND	5.3	ug/L	09/29/13	DD	SW8270	
1,2-Diphenylhydrazine	ND	5.3	ug/L	09/29/13	DD	SW8270	
1,3-Dichlorobenzene	ND	5.3	ug/L	09/29/13	DD	SW8270	

Project ID: LARCHMONT
Client ID: TW-B-8

Phoenix I.D.: BF45883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.3	ug/L	09/29/13	DD	SW8270
2,4,5-Trichlorophenol	ND	11	ug/L	09/29/13	DD	SW8270
2,4,6-Trichlorophenol	ND	11	ug/L	09/29/13	DD	SW8270
2,4-Dichlorophenol	ND	11	ug/L	09/29/13	DD	SW8270
2,4-Dimethylphenol	ND	11	ug/L	09/29/13	DD	SW8270
2,4-Dinitrophenol	ND	53	ug/L	09/29/13	DD	SW8270
2,4-Dinitrotoluene	ND	5.3	ug/L	09/29/13	DD	SW8270
2,6-Dinitrotoluene	ND	5.3	ug/L	09/29/13	DD	SW8270
2-Chloronaphthalene	ND	5.3	ug/L	09/29/13	DD	SW8270
2-Chlorophenol	ND	11	ug/L	09/29/13	DD	SW8270
2-Methylnaphthalene	ND	5.3	ug/L	09/29/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	11	ug/L	09/29/13	DD	SW8270
2-Nitroaniline	ND	53	ug/L	09/29/13	DD	SW8270
2-Nitrophenol	ND	11	ug/L	09/29/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	09/29/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	53	ug/L	09/29/13	DD	SW8270
3-Nitroaniline	ND	53	ug/L	09/29/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	53	ug/L	09/29/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.3	ug/L	09/29/13	DD	SW8270
4-Chloro-3-methylphenol	ND	21	ug/L	09/29/13	DD	SW8270
4-Chloroaniline	ND	21	ug/L	09/29/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	09/29/13	DD	SW8270
4-Nitroaniline	ND	21	ug/L	09/29/13	DD	SW8270
4-Nitrophenol	ND	53	ug/L	09/29/13	DD	SW8270
Acetophenone	ND	5.3	ug/L	09/29/13	DD	SW8270
Aniline	ND	11	ug/L	09/29/13	DD	SW8270
Anthracene	ND	5.3	ug/L	09/29/13	DD	SW8270
Benzidine	ND	53	ug/L	09/29/13	DD	SW8270
Benzoic acid	ND	53	ug/L	09/29/13	DD	SW8270
Benzyl butyl phthalate	ND	5.3	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.3	ug/L	09/29/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	5.3	ug/L	09/29/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	09/29/13	DD	SW8270
Carbazole	ND	5.3	ug/L	09/29/13	DD	SW8270
Dibenzofuran	ND	5.3	ug/L	09/29/13	DD	SW8270
Diethyl phthalate	ND	5.3	ug/L	09/29/13	DD	SW8270
Dimethylphthalate	ND	5.3	ug/L	09/29/13	DD	SW8270
Di-n-butylphthalate	ND	5.3	ug/L	09/29/13	DD	SW8270
Di-n-octylphthalate	ND	5.3	ug/L	09/29/13	DD	SW8270
Fluoranthene	ND	5.3	ug/L	09/29/13	DD	SW8270
Fluorene	ND	5.3	ug/L	09/29/13	DD	SW8270
Hexachlorobutadiene	ND	5.3	ug/L	09/29/13	DD	SW8270
Hexachlorocyclopentadiene	ND	5.3	ug/L	09/29/13	DD	SW8270
Isophorone	ND	5.3	ug/L	09/29/13	DD	SW8270
Naphthalene	ND	5.3	ug/L	09/29/13	DD	SW8270
Nitrobenzene	ND	5.3	ug/L	09/29/13	DD	SW8270
N-Nitrosodimethylamine	ND	5.3	ug/L	09/29/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	09/29/13	DD	SW8270
N-Nitrosodiphenylamine	ND	5.3	ug/L	09/29/13	DD	SW8270
Phenol	ND	5.3	ug/L	09/29/13	DD	SW8270

Project ID: LARCHMONT
Client ID: TW-B-8

Phoenix I.D.: BF45883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	09/29/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	116		%	09/29/13	DD	15 - 130 %
% 2-Fluorobiphenyl	96		%	09/29/13	DD	30 - 130 %
% 2-Fluorophenol	79		%	09/29/13	DD	15 - 130 %
% Nitrobenzene-d5	106		%	09/29/13	DD	30 - 130 %
% Phenol-d5	79		%	09/29/13	DD	15 - 130 %
% Terphenyl-d14	99		%	09/29/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.7	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.042	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.2	ug/L	09/27/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.7	ug/L	09/27/13	DD	SW8270 (SIM)
Chrysene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.011	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.063	ug/L	09/27/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.5	ug/L	09/27/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	ug/L	09/27/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	ug/L	09/27/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.053	ug/L	09/27/13	DD	SW8270 (SIM)
Pyridine	ND	0.53	ug/L	09/27/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	116		%	09/27/13	DD	15 - 130 %
% 2-Fluorobiphenyl	96		%	09/27/13	DD	30 - 130 %
% 2-Fluorophenol	79		%	09/27/13	DD	15 - 130 %
% Nitrobenzene-d5	106		%	09/27/13	DD	30 - 130 %
% Phenol-d5	79		%	09/27/13	DD	15 - 130 %
% Terphenyl-d14	99		%	09/27/13	DD	30 - 130 %

Project ID: LARCHMONT
Client ID: TW-B-8

Phoenix I.D.: BF45883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
October 04, 2013
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 04, 2013

FOR: Attn: Mr. Mike Gremillion
Galli Engineering, P.C.
734 Walt Whitman Rd
Suite 402A
Melville, NY 11747

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	MG	09/25/13	0:00
Location Code:	GALLI-ENG	Received by:	LB	09/26/13	16:02
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF45881
Phoenix ID: BF45884

Project ID: LARCHMONT
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	09/27/13	HM	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	09/27/13	HM	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
2-Hexanone	ND	5.0	ug/L	09/27/13	HM	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	09/27/13	HM	SW8260	
Acetone	ND	25	ug/L	09/27/13	HM	SW8260	

Project ID: LARCHMONT
Client ID: TRIP BLANK

Phoenix I.D.: BF45884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	09/27/13	HM	SW8260	
Benzene	ND	0.70	ug/L	09/27/13	HM	SW8260	
Bromobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromochloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromodichloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
Bromoform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Bromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	09/27/13	HM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chlorobenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloroform	ND	1.0	ug/L	09/27/13	HM	SW8260	
Chloromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	09/27/13	HM	SW8260	
Dibromomethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Ethylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	09/27/13	HM	SW8260	
Isopropylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
m&p-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	09/27/13	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/27/13	HM	SW8260	
Methylene chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
Naphthalene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
n-Propylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
o-Xylene	ND	1.0	ug/L	09/27/13	HM	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Styrene	ND	1.0	ug/L	09/27/13	HM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Tetrachloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	09/27/13	HM	SW8260	1
Toluene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Total Xylenes	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/27/13	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/27/13	HM	SW8260	
Trichloroethene	ND	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	09/27/13	HM	SW8260	
Vinyl chloride	ND	1.0	ug/L	09/27/13	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/27/13	HM	70 - 130 %	
% Bromofluorobenzene	99		%	09/27/13	HM	70 - 130 %	
% Dibromofluoromethane	100		%	09/27/13	HM	70 - 130 %	
% Toluene-d8	101		%	09/27/13	HM	70 - 130 %	

Project ID: LARCHMONT
Client ID: TRIP BLANK

Phoenix I.D.: BF45884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

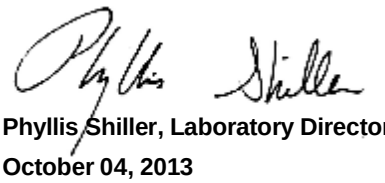
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
October 04, 2013
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

October 04, 2013

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 254750, QC Sample No: BF45219 (BF45881, BF45882, BF45883)												
Thallium (Dissolved)		<0.002	<0.005	NC	92.0	92.5	0.5	82.2	76.8	6.8	75 - 125	20
QA/QC Batch 254726, QC Sample No: BF45564 (BF45881, BF45882, BF45883)												
Thallium - Water	BRL	<0.002	<0.002	NC	110	112	1.8	94.1	96.2	2.2	75 - 125	20
QA/QC Batch 255024, QC Sample No: BF45613 (BF45881, BF45882, BF45883)												
ICP Metals - Aqueous												
Aluminum	BRL	<0.010	<0.010	NC	89.6	95.9	6.8	91.4	88.9	2.8	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	96.9	103	6.1	96.7	94.5	2.3	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	94.7	101	6.4	94.7	92.7	2.1	75 - 125	20
Barium	BRL	0.007	0.006	NC	93.4	99.6	6.4	93.9	90.9	3.2	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	94.5	100	5.7	94.4	91.7	2.9	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	97.8	104	6.1	97.9	95.2	2.8	75 - 125	20
Calcium	BRL	3.18	3.51	9.90	94.9	101	6.2	118	106	10.7	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	95.5	102	6.6	95.2	92.8	2.6	75 - 125	20
Cobalt	BRL	<0.002	<0.002	NC	95.9	102	6.2	95.8	93.4	2.5	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	95.4	102	6.7	95.6	93.1	2.6	75 - 125	20
Iron	BRL	0.012	0.011	NC	93.4	99.8	6.6	92.7	90.6	2.3	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	97.3	103	5.7	96.9	94.9	2.1	75 - 125	20
Magnesium	BRL	0.84	0.92	9.10	97.6	103	5.4	102	97.3	4.7	75 - 125	20
Manganese	BRL	<0.001	<0.001	NC	93.9	99.7	6.0	93.8	91.0	3.0	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	97.4	104	6.6	97.0	94.8	2.3	75 - 125	20
Potassium	BRL	0.7	0.7	0	95.8	99.8	4.1	103	98.8	4.2	75 - 125	20
Selenium	BRL	<0.010	<0.010	NC	93.0	99.8	7.1	93.2	91.8	1.5	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	92.1	97.7	5.9	91.9	89.9	2.2	75 - 125	20
Sodium	BRL	12.6	13.2	4.70	95.9	101	5.2	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	93.3	99.4	6.3	93.1	90.6	2.7	75 - 125	20
Zinc	BRL	0.003	0.003	NC	98.5	105	6.4	98.7	95.9	2.9	75 - 125	20
QA/QC Batch 255078, QC Sample No: BF45702 (BF45881, BF45882, BF45883)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	100	87.1	13.8	80.9	82.8	2.3	70 - 130	20
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 255028, QC Sample No: BF46007 (BF45881, BF45882, BF45883)												
ICP Metals - Dissolved												
Aluminum	BRL	0.04	0.05	NC	91.1	93.7	2.8	96.5	98.1	1.6	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	99.2	101	1.8	98.2	99.8	1.6	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	94.5	96.6	2.2	96.0	98.1	2.2	75 - 125	20
Barium	BRL	0.061	0.061	0	96.3	98.3	2.1	93.9	95.5	1.7	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	94.8	96.5	1.8	91.8	92.7	1.0	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	96.8	98.1	1.3	93.5	93.6	0.1	75 - 125	20
Calcium	BRL	311	312	0.30	97.0	99.6	2.6	NC	NC	NC	75 - 125	20
Chromium	BRL	0.005	0.005	0	95.9	98.2	2.4	93.3	94.5	1.3	75 - 125	20
Cobalt	BRL	<0.001	<0.001	NC	96.5	98.8	2.4	93.5	94.4	1.0	75 - 125	20

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Copper	BRL	<0.005	<0.005	NC	98.3	101	2.7	102	103	1.0	75 - 125	20	
Iron	BRL	<0.011	<0.011	NC	96.2	98.8	2.7	92.0	94.8	3.0	75 - 125	20	
Lead	BRL	<0.002	<0.002	NC	96.5	98.5	2.1	93.4	95.2	1.9	75 - 125	20	
Magnesium	BRL	33.1	33.4	0.90	98.6	100	1.4	NC	NC	NC	75 - 125	20	
Manganese	BRL	2.31	2.33	0.90	96.3	97.8	1.5	92.6	95.3	2.9	75 - 125	20	
Nickel	BRL	0.005	0.004	NC	96.4	98.3	2.0	92.8	93.6	0.9	75 - 125	20	
Potassium	0.1	19.9	20.0	0.50	102	102	0.0	121	122	0.8	75 - 125	20	
Selenium	BRL	<0.011	<0.011	NC	89.1	91.5	2.7	91.4	94.3	3.1	75 - 125	20	
Silver	BRL	0.001	<0.001	NC	92.2	94.4	2.4	74.4	75.2	1.1	75 - 125	20	m
Sodium	0.55	333	335	0.60	125	124	0.8	NC	NC	NC	75 - 125	20	
Vanadium	BRL	<0.002	<0.002	NC	95.0	97.5	2.6	93.3	94.5	1.3	75 - 125	20	
Zinc	BRL	<0.002	<0.002	NC	98.0	100	2.0	97.7	99.1	1.4	75 - 125	20	

m = This parameter is outside laboratory ms/msd specified recovery limits.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

October 04, 2013

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 254359, QC Sample No: BF43711 (BF45881, BF45882, BF45883)									
Polychlorinated Biphenyls - Ground Water									
PCB-1016	ND	97	90	7.5				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	84	78	7.4				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	86	60	67	11.0				30 - 150	20
% TCMX (Surrogate Rec)	86	89	87	2.3				30 - 150	20
Comment:									
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.									
QA/QC Batch 254360, QC Sample No: BF43843 (BF45881, BF45882, BF45883)									
Pesticides - Ground Water									
4,4' -DDD	ND	137	139	1.4				40 - 140	20
4,4' -DDE	ND	113	115	1.8				40 - 140	20
4,4' -DDT	ND	125	128	2.4				40 - 140	20
a-BHC	ND	98	98	0.0				40 - 140	20
a-Chlordane	ND	104	104	0.0				40 - 140	20
Alachlor	ND	NA	NA	NC				40 - 140	20
Aldrin	ND	82	83	1.2				40 - 140	20
b-BHC	ND	96	96	0.0				40 - 140	20
Chlordane	ND	NA	NA	NC				40 - 140	20
d-BHC	ND	98	98	0.0				40 - 140	20
Dieldrin	ND	107	108	0.9				40 - 140	20
Endosulfan I	ND	102	102	0.0				40 - 140	20
Endosulfan II	ND	107	110	2.8				40 - 140	20
Endosulfan sulfate	ND	115	117	1.7				40 - 140	20
Endrin	ND	113	114	0.9				40 - 140	20
Endrin aldehyde	ND	132	135	2.2				40 - 140	20
Endrin ketone	ND	115	113	1.8				40 - 140	20
g-BHC	ND	99	100	1.0				40 - 140	20
g-Chlordane	ND	101	102	1.0				40 - 140	20
Heptachlor	ND	95	95	0.0				40 - 140	20
Heptachlor epoxide	ND	100	101	1.0				40 - 140	20
Methoxychlor	ND	125	124	0.8				40 - 140	20
Toxaphene	ND	NA	NA	NC				40 - 140	20
% DCBP	96	99	99	0.0				30 - 150	20
% TCMX	81	85	83	2.4				30 - 150	20

QA/QC Data

SDG I.D.: GBF45881

QA/QC Batch 255197, QC Sample No: BF45564 (BF45881, BF45883, BF45884)

Volatiles - Ground Water

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	108	105	2.8	81	106	26.7	70 - 130	30	
1,1,1-Trichloroethane	ND	100	100	0.0	81	108	28.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	106	0.9	78	100	24.7	70 - 130	30	
1,1,2-Trichloroethane	ND	115	114	0.9	82	104	23.7	70 - 130	30	
1,1-Dichloroethane	ND	100	100	0.0	81	107	27.7	70 - 130	30	
1,1-Dichloroethene	ND	100	97	3.0	87	116	28.6	70 - 130	30	
1,1-Dichloropropene	ND	99	99	0.0	81	108	28.6	70 - 130	30	
1,2,3-Trichlorobenzene	ND	111	116	4.4	79	108	31.0	70 - 130	30	r
1,2,3-Trichloropropane	ND	104	103	1.0	78	101	25.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	107	110	2.8	78	107	31.4	70 - 130	30	r
1,2,4-Trimethylbenzene	ND	105	104	1.0	78	105	29.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	112	114	1.8	79	98	21.5	70 - 130	30	
1,2-Dibromoethane	ND	114	115	0.9	81	105	25.8	70 - 130	30	
1,2-Dichlorobenzene	ND	103	103	0.0	77	102	27.9	70 - 130	30	
1,2-Dichloroethane	ND	107	107	0.0	81	102	23.0	70 - 130	30	
1,2-Dichloropropane	ND	103	104	1.0	79	105	28.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	102	102	0.0	78	106	30.4	70 - 130	30	
1,3-Dichlorobenzene	ND	103	103	0.0	76	101	28.2	70 - 130	30	
1,3-Dichloropropane	ND	107	107	0.0	81	103	23.9	70 - 130	30	
1,4-Dichlorobenzene	ND	102	103	1.0	75	101	29.5	70 - 130	30	
2,2-Dichloropropane	ND	92	90	2.2	79	105	28.3	70 - 130	30	
2-Chlorotoluene	ND	103	102	1.0	76	104	31.1	70 - 130	30	r
2-Hexanone	ND	118	119	0.8	80	105	27.0	70 - 130	30	
2-Isopropyltoluene	ND	100	100	0.0	78	104	28.6	70 - 130	30	
4-Chlorotoluene	ND	101	100	1.0	76	102	29.2	70 - 130	30	
4-Methyl-2-pentanone	ND	115	117	1.7	82	102	21.7	70 - 130	30	
Acetone	ND	115	111	3.5	96	106	9.9	70 - 130	30	
Acrylonitrile	ND	104	107	2.8	80	97	19.2	70 - 130	30	
Benzene	ND	103	103	0.0	81	108	28.6	70 - 130	30	
Bromobenzene	ND	103	103	0.0	77	101	27.0	70 - 130	30	
Bromochloromethane	ND	105	106	0.9	79	103	26.4	70 - 130	30	
Bromodichloromethane	ND	106	107	0.9	81	107	27.7	70 - 130	30	
Bromoform	ND	108	110	1.8	83	106	24.3	70 - 130	30	
Bromomethane	ND	90	93	3.3	51	89	54.3	70 - 130	30	m,r
Carbon Disulfide	ND	95	95	0.0	77	104	29.8	70 - 130	30	
Carbon tetrachloride	ND	101	99	2.0	82	109	28.3	70 - 130	30	
Chlorobenzene	ND	103	102	1.0	79	104	27.3	70 - 130	30	
Chloroethane	ND	102	102	0.0	82	109	28.3	70 - 130	30	
Chloroform	ND	103	103	0.0	78	105	29.5	70 - 130	30	
Chloromethane	ND	90	89	1.1	63	87	32.0	70 - 130	30	m,r
cis-1,2-Dichloroethene	ND	107	107	0.0	81	108	28.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	105	107	1.9	81	107	27.7	70 - 130	30	
Dibromochloromethane	ND	108	109	0.9	79	104	27.3	70 - 130	30	
Dibromomethane	ND	106	108	1.9	81	102	23.0	70 - 130	30	
Dichlorodifluoromethane	ND	101	101	0.0	61	86	34.0	70 - 130	30	m,r
Ethylbenzene	ND	101	98	3.0	81	108	28.6	70 - 130	30	
Hexachlorobutadiene	ND	97	95	2.1	70	106	40.9	70 - 130	30	r
Isopropylbenzene	ND	104	103	1.0	77	107	32.6	70 - 130	30	r
m&p-Xylene	ND	105	102	2.9	81	109	29.5	70 - 130	30	
Methyl ethyl ketone	ND	102	104	1.9	85	100	16.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl t-butyl ether (MTBE)	ND	106	107	0.9	78	102	26.7	70 - 130	30	
Methylene chloride	ND	101	102	1.0	79	103	26.4	70 - 130	30	
Naphthalene	ND	121	122	0.8	90	122	30.2	70 - 130	30	
n-Butylbenzene	ND	104	104	0.0	78	109	33.2	70 - 130	30	r
n-Propylbenzene	ND	104	102	1.9	76	105	32.0	70 - 130	30	r
o-Xylene	ND	104	103	1.0	80	105	27.0	70 - 130	30	
p-Isopropyltoluene	ND	102	102	0.0	80	109	30.7	70 - 130	30	r
sec-Butylbenzene	ND	101	100	1.0	79	108	31.0	70 - 130	30	r
Styrene	ND	104	103	1.0	82	107	26.5	70 - 130	30	
tert-Butylbenzene	ND	103	103	0.0	79	108	31.0	70 - 130	30	r
Tetrachloroethene	ND	99	98	1.0	81	108	28.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	107	111	3.7	80	98	20.2	70 - 130	30	
Toluene	ND	103	103	0.0	81	108	28.6	70 - 130	30	
trans-1,2-Dichloroethene	ND	103	103	0.0	83	110	28.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	108	108	0.0	82	107	26.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	111	113	1.8	82	107	26.5	70 - 130	30	
Trichloroethene	ND	104	103	1.0	85	112	27.4	70 - 130	30	
Trichlorofluoromethane	ND	98	98	0.0	81	107	27.7	70 - 130	30	
Trichlorotrifluoroethane	ND	102	101	1.0	82	111	30.1	70 - 130	30	
Vinyl chloride	ND	101	99	2.0	73	98	29.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	102	102	0.0	101	99	2.0	70 - 130	30	
% Bromofluorobenzene	100	102	100	2.0	102	101	1.0	70 - 130	30	
% Dibromofluoromethane	101	104	102	1.9	104	101	2.9	70 - 130	30	
% Toluene-d8	101	100	100	0.0	101	101	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 255009, QC Sample No: BF45844 (BF45881, BF45882, BF45883)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	65	63	3.1				30 - 130	20	
1,2,4-Trichlorobenzene	ND	59	61	3.3				30 - 130	20	
1,2-Dichlorobenzene	ND	55	58	5.3				30 - 130	20	
1,2-Diphenylhydrazine	ND	67	60	11.0				30 - 130	20	
1,3-Dichlorobenzene	ND	56	58	3.5				30 - 130	20	
1,4-Dichlorobenzene	ND	59	59	0.0				30 - 130	20	
2,4,5-Trichlorophenol	ND	73	69	5.6				30 - 130	20	
2,4,6-Trichlorophenol	ND	70	71	1.4				30 - 130	20	
2,4-Dichlorophenol	ND	66	64	3.1				30 - 130	20	
2,4-Dimethylphenol	ND	35	37	5.6				30 - 130	20	
2,4-Dinitrophenol	ND	88	68	25.6				30 - 130	20	r
2,4-Dinitrotoluene	ND	77	71	8.1				30 - 130	20	
2,6-Dinitrotoluene	ND	77	71	8.1				30 - 130	20	
2-Chloronaphthalene	ND	66	67	1.5				30 - 130	20	
2-Chlorophenol	ND	55	57	3.6				30 - 130	20	
2-Methylnaphthalene	ND	64	63	1.6				30 - 130	20	
2-Methylphenol (o-cresol)	ND	54	57	5.4				30 - 130	20	
2-Nitroaniline	ND	92	89	3.3				30 - 130	20	
2-Nitrophenol	ND	55	57	3.6				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	56	57	1.8				30 - 130	20	
3,3'-Dichlorobenzidine	ND	100	94	6.2				30 - 130	20	
3-Nitroaniline	ND	81	76	6.4				30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	86	78	9.8				30 - 130	20	
4-Bromophenyl phenyl ether	ND	56	55	1.8				30 - 130	20	

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	66	64	3.1				30 - 130	20	
4-Chloroaniline	ND	43	44	2.3				30 - 130	20	
4-Chlorophenyl phenyl ether	ND	68	63	7.6				30 - 130	20	
4-Nitroaniline	ND	62	62	0.0				30 - 130	20	
4-Nitrophenol	ND	76	69	9.7				15 - 130	20	
Acenaphthene	ND	68	66	3.0				30 - 130	20	
Acenaphthylene	ND	69	67	2.9				30 - 130	20	
Acetophenone	ND	61	64	4.8				30 - 130	20	
Aniline	ND	37	40	7.8				30 - 130	20	
Anthracene	ND	70	70	0.0				30 - 130	20	
Benz(a)anthracene	ND	71	70	1.4				30 - 130	20	
Benzidine	ND	21	28	28.6				30 - 130	20	l,r
Benzo(a)pyrene	ND	64	66	3.1				30 - 130	20	
Benzo(b)fluoranthene	ND	69	71	2.9				30 - 130	20	
Benzo(ghi)perylene	ND	83	76	8.8				30 - 130	20	
Benzo(k)fluoranthene	ND	69	73	5.6				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	76	80	5.1				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	59	60	1.7				30 - 130	20	
Bis(2-chloroethyl)ether	ND	50	53	5.8				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	52	55	5.6				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	74	76	2.7				30 - 130	20	
Carbazole	ND	79	86	8.5				30 - 130	20	
Chrysene	ND	76	73	4.0				30 - 130	20	
Dibenz(a,h)anthracene	ND	87	76	13.5				30 - 130	20	
Dibenzofuran	ND	67	63	6.2				30 - 130	20	
Diethyl phthalate	ND	71	66	7.3				30 - 130	20	
Dimethylphthalate	ND	66	66	0.0				30 - 130	20	
Di-n-butylphthalate	ND	71	82	14.4				30 - 130	20	
Di-n-octylphthalate	ND	71	66	7.3				30 - 130	20	
Fluoranthene	ND	72	83	14.2				30 - 130	20	
Fluorene	ND	70	65	7.4				30 - 130	20	
Hexachlorobenzene	ND	66	68	3.0				30 - 130	20	
Hexachlorobutadiene	ND	59	61	3.3				30 - 130	20	
Hexachlorocyclopentadiene	ND	63	55	13.6				30 - 130	20	
Hexachloroethane	ND	55	58	5.3				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	83	75	10.1				30 - 130	20	
Isophorone	ND	63	64	1.6				30 - 130	20	
Naphthalene	ND	61	63	3.2				30 - 130	20	
Nitrobenzene	ND	55	58	5.3				30 - 130	20	
N-Nitrosodimethylamine	ND	42	47	11.2				30 - 130	20	
N-Nitrosodi-n-propylamine	ND	56	57	1.8				30 - 130	20	
N-Nitrosodiphenylamine	ND	71	67	5.8				30 - 130	20	
Pentachloronitrobenzene	ND	71	72	1.4				30 - 130	20	
Pentachlorophenol	ND	122	117	4.2				30 - 130	20	
Phenanthrene	ND	74	72	2.7				30 - 130	20	
Phenol	ND	48	51	6.1				15 - 130	20	
Pyrene	ND	66	83	22.8				30 - 130	20	r
Pyridine	ND	18	18	0.0				30 - 130	20	l
% 2,4,6-Tribromophenol	89	70	72	2.8				15 - 130	20	
% 2-Fluorobiphenyl	88	60	63	4.9				30 - 130	20	
% 2-Fluorophenol	80	48	48	0.0				15 - 130	20	
% Nitrobenzene-d5	129	54	58	7.1				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	88	52	52	0.0				15 - 130	20
% Terphenyl-d14	115	73	95	26.2				30 - 130	20

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 255621, QC Sample No: BF46455 (BF45882)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	105	106	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	92	96	4.3				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	100	101	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	112	114	1.8				70 - 130	30
1,1-Dichloroethane	ND	95	100	5.1				70 - 130	30
1,1-Dichloroethene	ND	91	93	2.2				70 - 130	30
1,1-Dichloropropene	ND	90	94	4.3				70 - 130	30
1,2,3-Trichlorobenzene	ND	112	115	2.6				70 - 130	30
1,2,3-Trichloropropane	ND	101	102	1.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	105	108	2.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	90	94	4.3				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	116	117	0.9				70 - 130	30
1,2-Dibromoethane	ND	111	112	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	94	97	3.1				70 - 130	30
1,2-Dichloroethane	ND	105	108	2.8				70 - 130	30
1,2-Dichloropropane	ND	102	105	2.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	89	92	3.3				70 - 130	30
1,3-Dichlorobenzene	ND	94	96	2.1				70 - 130	30
1,3-Dichloropropane	ND	105	106	0.9				70 - 130	30
1,4-Dichlorobenzene	ND	97	101	4.0				70 - 130	30
2,2-Dichloropropane	ND	84	87	3.5				70 - 130	30
2-Chlorotoluene	ND	89	92	3.3				70 - 130	30
2-Hexanone	ND	122	120	1.7				70 - 130	30
2-Isopropyltoluene	ND	90	91	1.1				70 - 130	30
4-Chlorotoluene	ND	88	93	5.5				70 - 130	30
4-Methyl-2-pentanone	ND	121	123	1.6				70 - 130	30
Acetone	ND	97	113	15.2				70 - 130	30
Acrylonitrile	ND	118	119	0.8				70 - 130	30
Benzene	ND	94	98	4.2				70 - 130	30
Bromobenzene	ND	93	96	3.2				70 - 130	30
Bromochloromethane	ND	102	105	2.9				70 - 130	30
Bromodichloromethane	ND	105	108	2.8				70 - 130	30
Bromoform	ND	115	116	0.9				70 - 130	30
Bromomethane	ND	97	102	5.0				70 - 130	30
Carbon Disulfide	ND	86	90	4.5				70 - 130	30
Carbon tetrachloride	ND	89	95	6.5				70 - 130	30
Chlorobenzene	ND	97	100	3.0				70 - 130	30
Chloroethane	ND	95	97	2.1				70 - 130	30
Chloroform	ND	98	103	5.0				70 - 130	30
Chloromethane	ND	101	106	4.8				70 - 130	30
cis-1,2-Dichloroethene	ND	100	105	4.9				70 - 130	30
cis-1,3-Dichloropropene	ND	104	107	2.8				70 - 130	30
Dibromochloromethane	ND	110	112	1.8				70 - 130	30
Dibromomethane	ND	105	109	3.7				70 - 130	30
Dichlorodifluoromethane	ND	97	104	7.0				70 - 130	30

QA/QC Data

SDG I.D.: GBF45881

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	92	95	3.2				70 - 130	30
Hexachlorobutadiene	ND	88	91	3.4				70 - 130	30
Isopropylbenzene	ND	87	90	3.4				70 - 130	30
m&p-Xylene	ND	95	99	4.1				70 - 130	30
Methyl ethyl ketone	ND	109	114	4.5				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	101	102	1.0				70 - 130	30
Methylene chloride	ND	95	98	3.1				70 - 130	30
Naphthalene	ND	112	114	1.8				70 - 130	30
n-Butylbenzene	ND	92	95	3.2				70 - 130	30
n-Propylbenzene	ND	88	91	3.4				70 - 130	30
o-Xylene	ND	96	99	3.1				70 - 130	30
p-Isopropyltoluene	ND	89	92	3.3				70 - 130	30
sec-Butylbenzene	ND	85	90	5.7				70 - 130	30
Styrene	ND	100	104	3.9				70 - 130	30
tert-Butylbenzene	ND	88	91	3.4				70 - 130	30
Tetrachloroethene	ND	91	94	3.2				70 - 130	30
Tetrahydrofuran (THF)	ND	114	115	0.9				70 - 130	30
Toluene	ND	95	99	4.1				70 - 130	30
trans-1,2-Dichloroethene	ND	93	95	2.1				70 - 130	30
trans-1,3-Dichloropropene	ND	108	110	1.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	113	115	1.8				70 - 130	30
Trichloroethene	ND	94	100	6.2				70 - 130	30
Trichlorofluoromethane	ND	92	96	4.3				70 - 130	30
Trichlorotrifluoroethane	ND	90	96	6.5				70 - 130	30
Vinyl chloride	ND	98	104	5.9				70 - 130	30
% 1,2-dichlorobenzene-d4	97	98	98	0.0				70 - 130	30
% Bromofluorobenzene	99	104	104	0.0				70 - 130	30
% Dibromofluoromethane	103	104	104	0.0				70 - 130	30
% Toluene-d8	99	99	101	2.0				70 - 130	30

Comment:

The MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 04, 2013

Sample Criteria Exceedences Report

GBF45881 - GALLI-ENG

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45881	$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45881	$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45881	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF45881	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
BF45881	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
BF45881	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45881	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45881	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF45881	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF45881	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF45881	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF45881	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45881	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BF45881	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BF45881	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BF45881	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BF45881	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45881	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BF45881	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45881	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45881	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45881	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45881	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW
State: NY

GBF45881 - GALLI-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45881	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45881	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BF45881	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.040	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.040	0.002	0.002	ug/L
BF45881	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45881	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45881	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.65	0.33	0.1	0.1	ug/L
BF45881	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	0.65	0.33	0.05	0.05	ug/L
BF45881	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.28	0.06	0.06	ug/L
BF45881	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	149	0.10	0.1	0.1	mg/L
BF45881	BA-WM	Barium	NY / TOGS - Water Quality / GA Criteria	1.40	0.002	1	1	mg/L
BF45881	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.005	0.001	0.003	0.003	mg/L
BF45881	CD-WM	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.011	0.001	0.005	0.005	mg/L
BF45881	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.401	0.001	0.05	0.05	mg/L
BF45881	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.740	0.005	0.2	0.2	mg/L
BF45881	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.31	0.01	0.1	0.1	mg/L
BF45881	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.332	0.011	0.3	0.3	mg/L
BF45881	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.56	0.011	0.3	0.3	mg/L
BF45881	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	135	1.1	20	20	mg/L
BF45881	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45881	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BF45881	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45881	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	385	0.10	0.3	0.3	mg/L
BF45881	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	67.8	0.01	35	35	mg/L
BF45881	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	10.9	0.010	0.3	0.3	mg/L
BF45881	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	110	0.1	20	20	mg/L
BF45881	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.325	0.001	0.1	0.1	mg/L
BF45881	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.114	0.002	0.025	0.025	mg/L
BF45881	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45881	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45882	$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45882	$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45882	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF45882	$8260GWR	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	5.8	1.0	5	5	ug/L

Sample Criteria Exceedences Report

GBF45881 - GALLI-ENG

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45882	$8260GWR	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.8	1.0	5	5	ug/L
BF45882	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45882	$8260GWR	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	6.5	1.0	5	5	ug/L
BF45882	$8260GWR	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.8	1.0	5	5	ug/L
BF45882	$8260GWR	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.2	1.0	5	5	ug/L
BF45882	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45882	$8260GWR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	29	1.0	5	5	ug/L
BF45882	$8260GWR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	29	1.0	10	10	ug/L
BF45882	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF45882	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF45882	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF45882	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF45882	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF45882	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	8.8	5.0	5	5	ug/L
BF45882	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BF45882	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BF45882	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BF45882	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BF45882	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BF45882	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BF45882	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45882	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45882	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L

Sample Criteria Exceedences Report

GBF45881 - GALLI-ENG

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45882	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BF45882	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45882	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BF45882	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BF45882	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.040	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.07	0.040	0.002	0.002	ug/L
BF45882	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.06	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BF45882	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BF45882	$PEST_GAWR	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.015	0.01	0.01	ug/L
BF45882	$PEST_GAWR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.05	0.05	ug/L
BF45882	$PEST_GAWR	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.25	0.01	0.01	ug/L
BF45882	$PEST_GAWR	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.050	0.04	0.04	ug/L
BF45882	$PEST_GAWR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.05	0.05	ug/L
BF45882	$PEST_GAWR	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.25	0.04	0.04	ug/L
BF45882	$PEST_GAWR	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.05	0.05	ug/L
BF45882	$PEST_GAWR	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND*	0.25	0.05	0.05	ug/L
BF45882	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.29	0.20	0.1	0.1	ug/L
BF45882	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	0.29	0.20	0.05	0.05	ug/L
BF45882	$PEST_GAWR	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.01	0.01	ug/L
BF45882	$PEST_GAWR	4,4' -DDD	NY / TOGS - Water Quality / GA Criteria	ND*	0.50	0.3	0.3	ug/L
BF45882	$PEST_GAWR	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.01	0.01	ug/L
BF45882	$PEST_GAWR	4,4' -DDE	NY / TOGS - Water Quality / GA Criteria	ND*	0.50	0.2	0.2	ug/L
BF45882	$PEST_GAWR	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.01	0.01	ug/L
BF45882	$PEST_GAWR	4,4' -DDT	NY / TOGS - Water Quality / GA Criteria	ND*	0.50	0.2	0.2	ug/L
BF45882	$PEST_GAWR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.015	0.01	0.01	ug/L
BF45882	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.015	0.004	0.004	ug/L
BF45882	$PEST_GAWR	Endosulfan I	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.1	0.1	ug/L
BF45882	$PEST_GAWR	Endosulfan II	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.1	0.1	ug/L
BF45882	$PEST_GAWR	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.1	0.1	ug/L
BF45882	$PEST_GAWR	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.01	0.01	ug/L
BF45882	$PEST_GAWR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.01	0.01	ug/L
BF45882	$PEST_GAWR	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND*	0.25	0.04	0.04	ug/L
BF45882	$PEST_GAWR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.01	0.01	ug/L
BF45882	$PEST_GAWR	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND*	0.25	0.03	0.03	ug/L
BF45882	$PEST_GAWR	Alachlor	NY / TOGS - Water Quality / GA Criteria	ND*	0.75	0.5	0.5	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW
State: NY

GBF45881 - GALLI-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45882	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND*	10	0.06	0.06	ug/L
BF45882	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	166	0.10	0.1	0.1	mg/L
BF45882	BA-WM	Barium	NY / TOGS - Water Quality / GA Criteria	2.90	0.002	1	1	mg/L
BF45882	BE-WM	Beryllium	NY / TOGS - Water Quality / GA Criteria	0.009	0.001	0.003	0.003	mg/L
BF45882	CD-WM	Cadmium	NY / TOGS - Water Quality / GA Criteria	0.013	0.001	0.005	0.005	mg/L
BF45882	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.471	0.001	0.05	0.05	mg/L
BF45882	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.912	0.005	0.2	0.2	mg/L
BF45882	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.09	0.01	0.1	0.1	mg/L
BF45882	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.20	0.011	0.3	0.3	mg/L
BF45882	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.435	0.001	0.3	0.3	mg/L
BF45882	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	191	1.1	20	20	mg/L
BF45882	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45882	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BF45882	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45882	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	428	0.10	0.3	0.3	mg/L
BF45882	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	115	0.10	35	35	mg/L
BF45882	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	32.7	0.10	0.3	0.3	mg/L
BF45882	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	154	0.1	20	20	mg/L
BF45882	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.586	0.001	0.1	0.1	mg/L
BF45882	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.090	0.002	0.025	0.025	mg/L
BF45882	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45882	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45883	$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45883	$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45883	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF45883	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45883	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45883	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.3	1	1	ug/L
BF45883	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.3	1	1	ug/L
BF45883	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.3	1	1	ug/L
BF45883	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	5	5	ug/L
BF45883	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	11	5	5	ug/L
BF45883	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	5	5	ug/L
BF45883	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.3	0.4	0.4	ug/L
BF45883	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	5	5	ug/L
BF45883	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	11	5	5	ug/L

Sample Criteria Exceedences Report

GBF45881 - GALLI-ENG

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45883	$8270-SIMFSR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	ND	53	50	50	ug/L
BF45883	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	5	5	ug/L
BF45883	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	21	5	5	ug/L
BF45883	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	21	5	5	ug/L
BF45883	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	21	5	5	ug/L
BF45883	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	21	1	1	ug/L
BF45883	$8270-SIMFSR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	11	1	1	ug/L
BF45883	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	21	5	5	ug/L
BF45883	$8270-SIMFSR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	53	1	1	ug/L
BF45883	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	5.3	5	5	ug/L
BF45883	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	53	1	1	ug/L
BF45883	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	53	1	1	ug/L
BF45883	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	53	5	5	ug/L
BF45883	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	53	5	5	ug/L
BF45883	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.063	0.04	0.04	ug/L
BF45883	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.042	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.042	0.002	0.002	ug/L
BF45883	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BF45883	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW

State: NY

GBF45881 - GALLI-ENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF45883	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF45883	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	14.3	0.010	0.1	0.1	mg/L
BF45883	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.054	0.001	0.05	0.05	mg/L
BF45883	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.71	0.01	0.1	0.1	mg/L
BF45883	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.945	0.011	0.3	0.3	mg/L
BF45883	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.21	0.011	0.3	0.3	mg/L
BF45883	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	65.9	1.1	20	20	mg/L
BF45883	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45883	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BF45883	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45883	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	23.0	0.010	0.3	0.3	mg/L
BF45883	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	2.14	0.010	0.3	0.3	mg/L
BF45883	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	73.7	0.1	20	20	mg/L
BF45883	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BF45883	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF45884	$8260GWR	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45884	$8260GWR	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
BF45884	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF45884	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF45884	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 04, 2013

SDG I.D.: GBF45881

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☐ Email: MGREMILLION@GALLIENG.COM

Customer: GALLI ENG
Address: MELVILLE, NY

Project: LARCHMONT
Report to: M. GREMILLION
Invoice to: L. LASANTA

Project P.O:
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 9/25/13

Client Sample - Information - Identification

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	8270	Metals TAL	Metals TAL (Dissolved)	PCBs	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
45881	TW B-10	GW	9/25	9:30	X	X	X	X	X				3	2	1		1		7
45882	TW B-6	↓	↓	9:45	X	X	X	X	X				3	2	1		1		7
45883	TW B-8	↓	↓	11:30	X	X	X	X	X				3	2	1		1		7
45884	TRIP BLANK	W		—	X								2						2

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-26-13	10:10
[signature]	[signature]	9-26-13	16:02

Comments, Special Requirements or Regulations:
IF THERE IS ENOUGH SAMPLE, ANALYZE FOR HERBACIDES AND PESTICIDES.

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
*SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☒ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY