



June 2, 2017

HEMP395

Commissioner Gerald Marino
Department of General Services
Town of Hempstead
350 Front Street
Hempstead, New York 11550-4047

Re: Greenfield Stockpiled Soil Sampling Results
Town of Hempstead
Greenfield Cemetery
650 Nassau Road, Uniondale, New York 11553

Dear Commissioner Marino:

On May 19 and 22, 2017, Walden Environmental Engineering, PLLC (Walden) collected soil samples from approximately 13,000 cubic yards on stockpiled fill at the Town of Hempstead's Greenfield Cemetery. Walden collected a total of thirty-one (31) discrete samples and fourteen (14) composite samples, in accordance with New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375 to confirm the fill could be certified clean fill.

Included herein are the laboratory analytical results from the sampling event (Tables 1 through 5 and Appendix A). All samples were submitted to Long Island Analytical Laboratories, Inc. (LIAL), a New York State ELAP certified (#11693) laboratory, and analyzed for volatile organic compounds (VOCs) via USEPA Method 8260, semi-volatile organic compounds (SVOCs) via USEPA Method 8270, Metals via NYSDEC Part 375 Metals, Pesticides via USEPA Method 8081, and PCBs via USEPA Methods 8082.

The laboratory analytical data was compared to the NYSDEC Table 375-6.8(b) and CP-51 Soil Cleanup Objectives. Although acetone was detected within various samples, it is a known



common laboratory artifact and there are no known suspect sources of acetone at the Site. Acetone was detected as a false positive and can be dismissed.

Therefore, sampling results indicated that no VOCs, SVOCs, Metals, Pesticides, or PCBs were detected at concentrations exceeding the respective NYSDEC soil cleanup objectives. The soil is classified as clean fill.

If you have any questions or require any additional information please call (516) 624-7200.

Very truly yours,

Walden Environmental Engineering

A handwritten signature in black ink, appearing to read "P. Brighton", with a long horizontal flourish extending to the right.

Peter A. Brighton, P.E.

Project Manager

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Table 1

Soil Sample Results – Volatile Organic Compounds Analysis (VOCs)

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 1
Soil Sample Results - Volatile Organic Compounds Analysis (VOCs)

Chemical Compound	CAS No.	CP-51		Table 375-6.8(b)		DISC-01	DISC-02	DISC-03	DISC-04	DISC-05	DISC-06	DISC-07	DISC-08	DISC-09	DISC-10
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017
		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q
Ethylbenzene	100-41-4	NA	NA	30000	1000	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Styrene	100-42-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
cis-1,3-Dichloropropylene	10061-01-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
trans-1,3-Dichloropropylene	10061-02-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
n-Propylbenzene	103-65-1	NA	NA	100000	3900	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
n-Butylbenzene	104-51-8	NA	NA	100000	12000	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,4-Diethylbenzene	105-05-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
4-Chlorotoluene	106-43-4	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,4-Dichlorobenzene	106-46-7	NA	NA	9800	1800	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,2-Dibromoethane	106-93-4	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,2-Dichloroethane	107-06-2	NA	NA	2300	20	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Acrylonitrile	107-13-1	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
4-Methyl-2-Pentanone	108-10-1	NA	1000	NA	NA	< 21.6 U	< 21.7 U	< 21.2 U	< 21.0 U	< 21.7 U	< 22.4 U	< 22.5 U	< 21.5 U	< 21.6 U	< 20.8 U
m,p-Xylenes	108-38-3/106-42-3	NA	NA	NA	NA	< 21.6 U	< 21.7 U	< 21.2 U	< 21.0 U	< 21.7 U	< 22.4 U	< 22.5 U	< 21.5 U	< 21.6 U	< 20.8 U
1,3,5-Trimethylbenzene	108-67-8	NA	NA	47000	8400	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Bromobenzene	108-86-1	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Toluene	108-88-3	NA	NA	100000	700	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Chlorobenzene	108-90-7	NA	NA	100000	1100	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,2,4-Trichlorobenzene	120-82-1	NA	3400	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,4-Dioxane	123-91-1	NA	NA	9800	100	< 54.1 U	< 54.1 U	< 53.1 U	< 52.4 U	< 54.2 U	< 56.0 U	< 56.3 U	< 53.7 U	< 54.1 U	< 51.9 U
Dibromochloromethane	124-48-1	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Tetrachloroethylene	127-18-4	NA	NA	5500	1300	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
sec-Butylbenzene	135-98-8	NA	NA	100000	11000	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,3-Dichloropropane	142-28-9	NA	300	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
cis-1,2-Dichloroethylene	156-59-2	NA	NA	59000	250	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
trans-1,2-Dichloroethylene	156-60-5	NA	NA	100000	190	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Methyl-tert-Butyl Ether	1634-04-4	NA	NA	62000	930	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,3-Dichlorobenzene	541-73-1	NA	NA	17000	2400	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Carbon Tetrachloride	56-23-5	NA	NA	1400	760	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1-Dichloropropylene	563-58-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Methyl Butyl Ketone (2-Hexanone)	591-78-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
2,2-Dichloropropane	594-20-7	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
4-Ethyltoluene	622-96-8	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1,1,2-Tetrachloroethane	630-20-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Acetone	67-64-1	NA	NA	100000	50	< 43.3 U	< 43.3 U	< 42.5 U	< 42.0 U	< 62.4 D	< 44.8 U	< 89.3 D	< 69.6 D	< 69.4 D	< 60.0 D
Chloroform	67-66-3	NA	NA	10000	370	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Benzene	71-43-2	NA	NA	2900	60	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1,1-Trichloroethane	71-55-6	NA	NA	100000	680	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Bromomethane	74-83-9	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Chloromethane	74-87-3	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Dibromomethane	74-95-3	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Bromochloromethane	74-97-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Chloroethane	75-00-3	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Vinyl chloride	75-01-4	NA	NA	210	20	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Methylene Chloride	75-09-2	NA	NA	51000	50	12.3 D	12.9 D	11.1 D	11.8 D	13.3 D	14.7 D	16.8 D	19.5 D	17.9 D	19.7 D
Carbon disulfide	75-15-0	100000	2700	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Bromoform	75-25-2	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Bromodichloromethane	75-27-4	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1-Dichloroethane	75-34-3	NA	NA	19000	270	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1-Dichloroethylene	75-35-4	NA	NA	100000	330	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Chlorodifluoromethane	75-45-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
tert-Butyl alcohol	75-65-0	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Trichlorofluoromethane	75-69-4	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Dichlorodifluoromethane	75-71-8	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	100000	6000	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,2-Dichloropropane	78-87-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	100000	300	100000	120	< 21.6 U	< 21.7 U	< 21.2 U	< 21.0 U	< 21.7 U	< 22.4 U	< 22.5 U	< 21.5 U	< 21.6 U	< 20.8 U
1,1,2-Trichloroethane	79-00-5	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Trichloroethylene	79-01-6	NA	NA	10000	470	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,1,2,2-Tetrachloroethane	79-34-5	35000	600	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Hexachlorobutadiene	87-68-3	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	< 10.4 U
Naphthalene	91-20-3	NA	NA	NA	NA	< 10.8 U	< 10.8 U	< 10.6 U	< 10.5 U	< 10.8 U	< 11.2 U	< 11.3 U	< 10.7 U	< 10.8 U	

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 1
Soil Sample Results - Volatile Organic Compounds Analysis (VOCs)

Chemical Compound	CAS No.	CP-51		Table 375-6.8(b)		DISC-11	DISC-12	DISC-13	DISC-14	DISC-15	DISC-16	DISC-17	DISC-18	DISC-19	DISC-20	DISC-21	
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	
		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q
Ethylbenzene	100-41-4	NA	NA	30000	1000	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
Styrene	100-42-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
cis-1,3-Dichloropropylene	10061-01-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
trans-1,3-Dichloropropylene	10061-02-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
n-Propylbenzene	103-65-1	NA	NA	100000	3900	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
n-Butylbenzene	104-51-8	NA	NA	100000	12000	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
1,4-Diethylbenzene	105-05-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
4-Chlorotoluene	106-43-4	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
1,4-Dichlorobenzene	106-46-7	NA	NA	9800	1800	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
1,2-Dibromoethane	106-93-4	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
1,2-Dichloroethane	107-06-2	NA	NA	2300	20	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
Acrylonitrile	107-13-1	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.4	U	< 10.3	U	< 10.6	U
4-Methyl-2-Pentanone	108-10-1	NA	1000	NA	NA	< 20.8	U	< 20.8	U	< 21.0	U	< 21.4	U	< 20.9	U	< 21.2	U
m,p-Xylenes	108-38-3/106-42-3	NA	NA	NA	NA	< 20.8	U	< 20.8	U	< 21.0	U	< 21.4	U	< 20.9	U	< 21.2	U
1,3,5-Trimethylbenzene	108-67-8	NA	NA	47000	8400	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Bromobenzene	108-86-1	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Toluene	108-88-3	NA	NA	100000	700	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Chlorobenzene	108-90-7	NA	NA	100000	1100	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2,4-Trichlorobenzene	120-82-1	NA	3400	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,4-Dioxane	123-91-1	NA	NA	9800	100	< 52.1	U	< 52.0	U	< 52.4	U	< 53.4	U	< 52.2	U	< 54.8	U
Dibromochloromethane	124-48-1	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Tetrachloroethylene	127-18-4	NA	NA	5500	1300	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
sec-Butylbenzene	135-98-8	NA	NA	100000	11000	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,3-Dichloropropane	142-28-9	NA	300	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
cis-1,2-Dichloroethylene	156-59-2	NA	NA	59000	250	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
trans-1,2-Dichloroethylene	156-60-5	NA	NA	100000	190	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Methyl-tert-Butyl Ether	1634-04-4	NA	NA	62000	930	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,3-Dichlorobenzene	541-73-1	NA	NA	17000	2400	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Carbon Tetrachloride	56-23-5	NA	NA	1400	760	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1-Dichloropropylene	563-58-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Methyl Butyl Ketone (2-Hexanone)	591-78-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
2,2-Dichloropropane	594-20-7	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
4-Ethyltoluene	622-96-8	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1,1,2-Tetrachloroethane	630-20-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Acetone	67-64-1	NA	NA	100000	50	48.6	D	72.9	D	71.7	D	51.8	D	78.1	D	47.9	D
Chloroform	67-66-3	NA	NA	10000	370	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 11.0	U
Benzene	71-43-2	NA	NA	2900	60	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1,1-Trichloroethane	71-55-6	NA	NA	100000	680	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Bromomethane	74-83-9	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Chloromethane	74-87-3	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Dibromomethane	74-95-3	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Bromochloromethane	74-97-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Chloroethane	75-00-3	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Vinyl chloride	75-01-4	NA	NA	210	20	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Methylene Chloride	75-09-2	NA	NA	51000	50	17.3	D	22.0	D	21.5	D	23.6	D	23.6	D	20.7	D
Carbon disulfide	75-15-0	100000	2700	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Bromoform	75-25-2	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Bromodichloromethane	75-27-4	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1-Dichloroethane	75-34-3	NA	NA	19000	270	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1-Dichloroethylene	75-35-4	NA	NA	100000	330	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Chlorodifluoromethane	75-45-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
tert-Butyl alcohol	75-65-0	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Trichlorofluoromethane	75-69-4	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Dichlorodifluoromethane	75-71-8	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	100000	6000	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2-Dichloropropane	78-87-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	100000	300	100000	120	< 20.8	U	< 20.8	U	< 21.0	U	< 21.4	U	< 20.9	U	< 21.2	U
1,1,2-Trichloroethane	79-00-5	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Trichloroethylene	79-01-6	NA	NA	10000	470	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,1,2,2-Tetrachloroethane	79-34-5	35000	600	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Hexachlorobutadiene	87-68-3	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Naphthalene	91-20-3	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
o-Xylene	95-47-6	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
2-Chlorotoluene	95-49-8	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2-Dichlorobenzene	95-50-1	NA	NA	100000	1100	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2,4-Trimethylbenzene	95-63-6	NA	NA	47000	3600	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2,4,5-Tetramethylbenzene	95-93-2	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2-Dibromo-3-chloropropane	96-12-8	NA	NA	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
1,2,3-Trichloropropane	96-18-4	80000	340	NA	NA	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
tert-Butylbenzene	98-06-6	NA	NA	100000	5900	< 10.4	U	< 10.4	U	< 10.5	U	< 10.7	U	< 10.4	U	< 10.6	U
Isopropylbenzene (Cumene)	98-82-8	100000	2300														

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 1
Soil Sample Results - Volatile Organic Compounds Analysis (VOCs)

Chemical Compound	CAS No.	CP-51		Table 375-6.8(b)		DISC-22		DISC-23		DISC-24		DISC-25		DISC-26		DISC-27		DISC-28		DISC-29		DISC-30		DISC-31	
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/22/2017		5/22/2017		5/22/2017		5/22/2017		5/22/2017		5/22/2017	
						µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q
Ethylbenzene	100-41-4	NA	NA	30000	1000	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Styrene	100-42-5	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
cis-1,3-Dichloropropylene	10061-01-5	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
trans-1,3-Dichloropropylene	10061-02-6	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
n-Propylbenzene	103-65-1	NA	NA	100000	3900	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
n-Butylbenzene	104-51-8	NA	NA	100000	12000	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,4-Diethylbenzene	105-05-5	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
4-Chlorotoluene	106-43-4	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,4-Dichlorobenzene	106-46-7	NA	NA	9800	1800	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,2-Dibromoethane	106-93-4	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,2-Dichloroethane	107-06-2	NA	NA	2300	20	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Acrylonitrile	107-13-1	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
4-Methyl-2-Pentanone	108-10-1	NA	1000	NA	NA	< 21.5	U	< 21.3	U	< 21.3	U	< 21.1	U	< 24.2	U	< 21.4	U	< 21.3	U	< 21.2	U	< 21.3	U	< 21.2	U
m,p-Xylenes	108-38-3/106-42-3	NA	NA	NA	NA	< 21.5	U	< 21.3	U	< 21.3	U	< 21.1	U	< 24.2	U	< 21.4	U	< 21.3	U	< 21.2	U	< 21.3	U	< 21.2	U
1,3,5-Trimethylbenzene	108-67-8	NA	NA	47000	8400	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Bromobenzene	108-86-1	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Toluene	108-88-3	NA	NA	100000	700	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Chlorobenzene	108-90-7	NA	NA	100000	1100	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,2,4-Trichlorobenzene	120-82-1	NA	3400	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,4-Dioxane	123-91-1	NA	NA	9800	100	< 53.7	U	< 53.4	U	< 53.2	U	< 52.7	U	< 60.6	U	< 53.4	U	< 53.3	U	< 53.0	U	< 53.2	U	< 53.1	U
Dibromochloromethane	124-48-1	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Tetrachloroethylen	127-18-4	NA	NA	5500	1300	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
sec-Butylbenzene	135-98-8	NA	NA	100000	11000	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,3-Dichloropropane	142-28-9	NA	300	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
cis-1,2-Dichloroethylen	156-59-2	NA	NA	59000	250	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
trans-1,2-Dichloroethylen	156-60-5	NA	NA	100000	190	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Methyl-tert-Butyl Ether	1634-04-4	NA	NA	62000	930	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,3-Dichlorobenzene	541-73-1	NA	NA	17000	2400	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Carbon Tetrachloride	56-23-5	NA	NA	1400	760	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,1-Dichloropropylene	563-58-6	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Methyl Butyl Ketone (2-Hexanone)	591-78-6	NA	NA	NA	NA	18.1	D	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
2,2-Dichloropropane	594-20-7	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
4-Ethyltoluene	622-96-8	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
1,1,1,2-Tetrachloroethane	630-20-6	NA	NA	NA	NA	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Acetone	67-64-1	NA	NA	100000	50	149	D	72.4	D	109	D	81.7	D	< 48.5	U	< 42.7	U	< 42.6	U	70.0	D	< 42.6	U	< 46.0	D
Chloroform	67-66-3	NA	NA	10000	370	< 10.7	U	< 10.7	U	< 10.6	U	< 10.5	U	< 12.1	U	< 10.7	U	< 10.7	U	< 10.6	U	< 10.6	U	< 10.6	U
Benzene	71-43-2	NA																							

Table 2

Soil Sample Results – Semi Volatile Organic Compounds Analysis (SVOCs)

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 2
Soil Sample Results - Semi Volatile Organic Compounds Analysis (SVOCs)

Chemical Compound	CAS No.	CP-51		Table 375-6.8(b)		COMP-01	COMP-02	COMP-03	COMP-04	COMP-05	COMP-06	COMP-07	COMP-08	COMP-09	COMP-10	COMP-11	COMP-12	COMP-13	COMP-14
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/22/2017	5/22/2017	5/22/2017
		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q
4-Nitroaniline	100-01-6	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4-Nitrophenol	100-02-7	NA	100	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzyl alcohol	100-51-6	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4-Bromophenyl phenyl ether	101-55-3	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,4-Dimethylphenol	105-67-9	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
1,4-Dichlorobenzene	106-46-7	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4-Chloroaniline	106-47-8	100000	220	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
3/4-Methylphenol	108-39-4/106-44-5	NA	NA	34000	330	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,2'-Oxybis(1-Chloropropane)	108-60-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Phenol	108-95-2	NA	NA	100000	330	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Pyridine	110-86-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Bis(2-Chloroethyl)ether	111-44-4	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
bis(2-Chloroethoxy)methane	111-91-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Bis(2-Ethylhexyl)phthalate	117-81-7	50000	435000	NA	NA	393	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	644	< 160 U	< 317 U
Di-n-octyl phthalate	117-84-0	100000	120000	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Hexachlorobenzene	118-74-1	410	1400	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Anthracene	120-12-7	NA	NA	100000	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
1,2,4-Trichlorobenzene	120-82-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,4-Dichlorophenol	120-83-2	100000	400	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,4-Dinitrotoluene	121-14-2	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Pyrene	129-00-0	NA	NA	100000	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	294	< 317 U
Dimethyl phthalate	131-11-3	100000	27000	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Dibenzofuran	132-64-9	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzo(g,h,i)perylene	191-24-2	NA	NA	100000	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Indeno(1,2,3-cd)pyrene	193-39-5	NA	NA	500	8200	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzo(b)fluoranthene	205-99-2	NA	NA	1000	1700	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	203	< 317 U
Fluoranthene	206-44-0	NA	NA	100000	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	397	< 317 U
Benzo(k)fluoranthene	207-08-9	NA	NA	1000	1700	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Acenaphthylene	208-96-8	NA	NA	100000	107000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Chrysene	218-01-9	NA	NA	1000	1000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzo(a)pyrene	50-32-8	NA	NA	1000	22000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,4-Dinitrophenol	51-28-5	100000	200	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4,6-Dinitro-2-methylphenol	534-52-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Dibenzo(a,h)anthracene	53-70-3	NA	NA	330	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
1,3-Dichlorobenzene	541-73-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Parathion (ethyl)	56-38-2	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzo(a)anthracene	56-55-3	NA	NA	1000	1000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4-Chloro-3-methylphenol	59-50-7	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
2,6-Dinitrotoluene	606-20-2	1030	1000	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
N-Nitroso-di-n-propylamine	621-64-7	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Aniline	62-53-3	48000	330	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
N-Nitrosodimethylamine	62-75-9	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Benzoic Acid	65-85-0	100000	207000	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Hexachloroethane	67-72-1	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
4-Chlorophenyl phenyl ether	7005-72-3	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Hexachlorocyclopentadiene	77-47-4	NA	NA	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Isophorone	78-59-1	100000	4400	NA	NA	168	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Acenaphthene	83-32-9	NA	NA	100000	98000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Diethyl phthalate	84-66-2	100000	7100	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Di-n-butyl phthalate	84-74-2	100000	8100	NA	NA	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	< 160 U	< 317 U
Phenanthrene	85-01-8	NA	NA	100000	1000000	< 162 U	< 164 U	< 164 U	< 157 U	< 156 U	< 158 U	< 157 U	< 160 U	< 159 U	< 160 U	< 159 U	< 160 U	333	< 317 U
Butyl benzyl phthalate	85-68-7	100000	122000	NA	NA	< 162 U	< 1												

Table 3

Soil Sample Results – Part 375 Metals Analysis

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 3
Soil Sample Results - Part 375 Metals Analysis

Compound	CAS No.	CP-51		Table 375-6.8(b)		COMP-01	COMP-02	COMP-03	COMP-04	COMP-05	COMP-06	COMP-07	COMP-08	COMP-09	COMP-10	COMP-11	COMP-12	COMP-13	COMP-14
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/22/2017	5/22/2017	5/22/2017
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q
Silver	7440-22-4	NA	NA	NA	NA	< 1.68 U	< 1.87 U	< 1.82 U	< 1.94 U	< 1.70 U	< 1.78 U	< 1.85 U	< 1.68 U	< 2.01 U	< 1.72 U	< 1.67 U	< 1.85 U	< 1.75 U	< 1.86 U
Arsenic	7440-38-2	NA	NA	16	16	1.96 D	2.40 D	2.35	2.56 D	2.29 D	2.52 D	2.27 D	2.26 D	3.09 D	2.09 D	2.39 D	2.87 D	3.52 D	2.83 D
Barium	7440-39-3	NA	NA	350	820	17.7 D	17.2 D	17.6	18.1 D	18.7 D	20.5 D	17.7 D	19.1 D	21.9 D	19.0 D	18.0 D	21.90 D	26.10 D	22.00 D
Beryllium	7440-41-7	NA	NA	14	47	< 1.68 U	< 1.87 U	< 1.82 U	< 1.94 U	< 1.70 U	< 1.78 U	< 1.85 U	< 1.68 U	< 2.01 U	< 1.72 U	< 1.67 U	< 1.85 U	< 1.75 U	< 1.86 U
Cadmium	7440-43-9	NA	NA	2.5	7.5	< 1.68 U	< 1.87 U	< 1.82 U	< 1.94 U	< 1.70 U	< 1.78 U	< 1.85 U	< 1.68 U	< 2.01 U	< 1.72 U	< 1.65 U	< 1.85 U	< 1.75 U	< 1.86 U
Chromium	7440-47-3	NA	NA	NA	NA	7.38 D	6.89 D	7.55	8.65 D	8.80 D	8.71 D	7.21 D	7.68 D	8.48 D	7.08 D	8.28 D	8.82 D	8.71 D	9.64 D
Copper	7440-50-8	NA	NA	270	1720	6.05 D	6.26 D	6.13	7.09 D	6.73 D	6.78 D	6.00 D	6.79 D	7.50 D	6.21 D	8.44 D	8.23 D	8.42 D	7.47 D
Cyanide	57-12-5	NA	NA	27	40	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.25	< 0.21 U	0.49	< 0.21 U
Hexavalent Chromium	1854-02-99	NA	NA	22	19	< 0.509 U	< 0.520 U	< 0.527 U	< 0.500 U	< 0.505 U	< 0.502 U	< 0.500 U	< 0.505 U	< 0.500 U	< 0.511 U	< 0.500 U	< 0.51 U	< 0.52 U	< 0.51 U
Mercury	7439-97-6	NA	NA	0.81	0.73	0.03 D	0.04 D	0.12 D	0.04 D	0.05 D	0.04 D	0.05 D	0.04 D	0.05 D	0.05 D	0.04 D	0.03 D	0.05 D	0.04 D
Manganese	7439-96-5	NA	NA	2000	2000	99.6 D	146 D	142	146 D	141 D	144 D	135 D	152 D	171 D	157 D	122 D	156 D	153 D	149 D
Nickel	7440-02-0	NA	NA	140	130	4.85 D	5.45 D	5.20	5.84 D	7.47 D	6.16 D	5.18 D	6.26 D	5.85 D	4.92 D	6.15 D	6.64 D	6.52 D	6.11 D
Lead	7439-92-1	NA	NA	400	450	8.31 D	13.9 D	10.1	14.3 D	12.1 D	11.0 D	10.3 D	12.7 D	17.2 D	10.7 D	9.97 D	18.80 D	18.40 D	15.70 D
Selenium	7782-49-2	NA	NA	36	4	< 1.68 U	< 1.87 U	< 1.82 U	< 1.94 U	< 1.70 U	< 1.78 U	< 1.85 U	< 1.68 U	< 2.01 U	< 1.72 U	< 1.67 U	< 1.85 U	< 1.75 U	< 1.86 U
Zinc	7440-66-6	NA	NA	2200	2480	21.7 D	18.6 D	18.1	20.6 D	20.2 D	20.9 D	18.7 D	20.5 D	21.8 D	20.1 D	18.5 D	25.70 D	24.30 D	21.90 D

Notes:
CAS - Chemical Abstracts Service
NYSDEC - New York State Department of Environmental Conservation
Samples were analyzed by Part 375 Metals.
Bold - Concentration detected
Red - Concentration exceeds applicable NYSDEC Soil Cleanup Objectives
NA - Standard not available
D - Detect
U - Not Detected
B - Analyte found in blank and sample. Possible blank contamination

Table 4

Soil Sample Results – Pesticides Analysis

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 4
Soil Sample Results - Pesticides Analysis

Compound	CAS No.	CP-51		Table 375-6.8(b)		COMP-01		COMP-02		COMP-03		COMP-04		COMP-05		COMP-06		COMP-07		COMP-08		COMP-09		COMP-10		COMP-11		COMP-12		COMP-13		COMP-14			
		NYSDEC Soil Cleanup Objective Residential		NYSDEC Soil Cleanup Objective Groundwater		NYSDEC Soil Cleanup Objective Residential		NYSDEC Soil Cleanup Objective Groundwater		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/19/2017		5/22/2017		5/22/2017		5/22/2017	
		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q	µg/kg	Q		
Heptachlor Epoxide	1024-57-3	77	20	NA	NA	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	UP	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Endosulfan Sulfate	1031-07-8	NA	NA	4800	1000000	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Chlordane	12789-03-6	NA	NA	NA	NA	< 16.2	U	< 16.4	U	< 16.4	U	< 15.7	U	< 15.6	U	< 15.8	U	< 15.7	U	< 16.0	U	< 15.9	U	< 16.0	U	< 15.9	U	< 16.0	U	< 16.0	U	< 15.80	U		
Mirex	2385-85-5	NA	NA	NA	NA	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Aldrin	309-00-2	NA	NA	19	190	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
alpha-BHC	319-84-6	NA	NA	97	20	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
beta-BHC	319-85-7	NA	NA	72	90	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
delta-BHC	319-86-8	NA	NA	100000	250	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Endosulfan II	33213-65-9	NA	NA	4800	102000	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
4,4'-DDT	50-29-3	NA	NA	1700	136000	3.92		4.36		< 3.28	U	4.08		4.88		< 3.15	U	< 3.14	U	< 3.22	P	< 3.17	U	< 3.20	U	< 3.18	U	5.81		7.90		4.16			
cis-Chlordane	5103-71-9	NA	NA	910	2900	< 5.38	U	< 5.48	U	< 5.46	UP	< 5.23	U	< 5.21	U	< 5.25	UP	< 5.23	UP	< 5.32	UP	< 5.29	UP	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
trans-Chlordane	5103-74-2	540	14000	NA	NA	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.67	P	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Endrin Ketone	53494-70-5	NA	NA	NA	NA	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
gamma-BHC	58-89-9	NA	NA	280	100	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Dieldrin	60-57-1	NA	NA	39	100	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	UP	< 5.32	U	< 5.29	UP	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Endrin	72-20-8	NA	NA	2200	60	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	UP	< 5.21	UP	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Methoxychlor	72-43-5	100000	900000	NA	NA	< 5.38	UP	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
4,4'-DDD	72-54-8	NA	NA	2600	14000	< 3.23	UP	< 3.29	UP	< 3.28	UP	< 3.14	U	< 3.13	U	< 3.15	U	< 3.14	U	< 3.19	U	< 3.17	U	< 3.20	UP	< 3.18	UP	< 3.19	U	3.56		3.38			
4,4'-DDE	72-55-9	NA	NA	NA	NA	3.85		3.88		3.93		4.02	P	3.27		4.08		4.06	P	4.07		4.51		< 3.20	U	< 3.18	U	6.11		7.24		6.02			
Endrin Aldehyde	7421-93-4	NA	NA	NA	NA	< 5.38	U	< 5.48	UP	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	UP	< 5.32	U	< 5.32	U	< 5.28	U		
Heptachlor	76-44-8	NA	NA	420	380	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	U	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		
Toxaphene	8001-35-2	NA	NA	NA	NA	< 108	U	< 110	U	< 109	U	< 105	U	< 104	U	< 105	U	< 105	U	< 106	U	< 106	U	< 107	U	< 106	U	< 106	U	< 106	U	< 106	U		
Endosulfan I	959-98-8	NA	NA	4800	102000	< 5.38	U	< 5.48	U	< 5.46	U	< 5.23	U	< 5.21	U	< 5.25	U	< 5.23	U	< 5.32	U	< 5.29	UP	< 5.33	U	< 5.29	U	< 5.32	U	< 5.32	U	< 5.28	U		

Notes:
CAS - Chemical Abstracts Service
NYSDEC - New York State Department of Environmental Conservation
Samples were analyzed by USEPA Method 8081B.
Bold - Concentration detected
Red - Concentration exceeds applicable NYSDEC Soil Cleanup Objectives
NA - Standard not available
D - Detect
U - Not Detected
B - Analyte found in blank and sample. Possible blank contamination
P - Greater than 25% difference between detected concentrations between two GC columns

Table 5

Soil Sample Results – PCB/Aroclor Analysis

Town of Hempstead
Department of General Services
Greenfield Cemetery
650 Nassau Road, Uniondal, New York 11553

Table 5
Soil Sample Results - PCB/Aroclor Analysis

Compound	CAS No.	CP-51		Table 375-6.8(b)		COMP-01	COMP-02	COMP-03	COMP-04	COMP-05	COMP-06	COMP-07	COMP-08	COMP-09	COMP-10	COMP-11	COMP-12	COMP-13	COMP-14
		NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	NYSDEC Soil Cleanup Objective Residential	NYSDEC Soil Cleanup Objective Groundwater	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/19/2017	5/22/2017	5/22/2017	5/22/2017
		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q	µg/kg Q
Aroclor-1260	11096-82-5	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1254	11097-69-1	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1268	11100-14-4	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1221	11104-28-2	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1232	11141-16-5	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1248	12672-29-6	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1016	12674-11-2	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1262	37324-23-5	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U
Aroclor-1242	53469-21-9	1000	1000	1000	3200	< 10.8 U	< 11.0 U	< 10.9 U	< 10.5 U	< 10.4 U	< 10.5 U	< 10.5 U	< 10.6 U	< 10.6 U	< 10.7 U	< 10.6 U	< 10.6 U	< 10.6 U	< 10.6 U

Notes:
CAS - Chemical Abstracts Service
NYSDEC - New York State Department of Environmental Conservation
Samples were analyzed by USEPA Method 8082A.
Bold - Concentration detected
Red - Concentration exceeds applicable NYSDEC Soil Cleanup Objectives
NA - Standard not available
D - Detect
U - Not Detected
B - Analyte found in blank and sample. Possible blank contamination
P - Greater than 25% difference between detected concentrations between two GC columns

Appendix A

Laboratory Data Sheets



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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 7052013

May 31, 2017

Town Of Hempstead (Walden Assoc.)
Peter Brighton
16 Spring Street
Oyster Bay, NY 11771

Re: HEMP 395 - Fill

Dear Peter Brighton,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on May 20, 2017. Long Island Analytical laboratories analyzed the samples on May 27, 2017 for the following:

SAMPLE ID	ANALYSIS
Disc - 01 05192017	EPA 8260 C
Disc - 02 05192017	EPA 8260 C
Disc - 03 05192017	EPA 8260 C
Disc - 04 05192017	EPA 8260 C
Disc - 05 05192017	EPA 8260 C
Disc - 06 05192017	EPA 8260 C
Disc - 07 05192017	EPA 8260 C
Disc - 08 05192017	EPA 8260 C
Disc - 09 05192017	EPA 8260 C
Disc - 10 05192017	EPA 8260 C
Disc - 11 05192017	EPA 8260 C
Disc - 12 05192017	EPA 8260 C
Disc - 13 05192017	EPA 8260 C
Disc - 14 05192017	EPA 8260 C
Disc - 15 05192017	EPA 8260 C
Disc - 16 05192017	EPA 8260 C
Disc - 17 05192017	EPA 8260 C
Disc - 18 05192017	EPA 8260 C
Disc - 19 05192017	EPA 8260 C

Disc - 20 05192017	EPA 8260 C
Disc - 21 05192017	EPA 8260 C
Disc - 22 05192017	EPA 8260 C
Disc - 23 05192017	EPA 8260 C
Disc - 24 05192017	EPA 8260 C
Disc - 25 05192017	EPA 8260 C

Samples received at 1.1 ° C

5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:55	Sample ID: Disc - 01 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-01 % Solid:92.47
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	54.1	<54.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.8	<10.8	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.6	<21.6	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:55	Sample ID: Disc - 01 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-01 % Solid:92.47
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.3	<43.3	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.8	<10.8	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.6	<21.6	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.6	<21.6	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.8	12.3	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.8	<10.8	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:55	Sample ID: Disc - 01 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-01 % Solid:92.47
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.8	<10.8	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.8	<10.8	ug/kg dry	5.L, 3.A
o-Xylene	95-47-6	10.8	<10.8	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.8	<10.8	ug/kg dry	5.L, 3.A
trans-1,3-Dichloropropylene	10061-02-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.8	<10.8	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	103	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	108	79.4-122	
Toluene-d8	2037-26-5	98	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	76	50-200	
1,4-Difluorobenzene	540-36-3	86	50-200	
Chlorobenzene-d5	3114-55-4	89	50-200	
Pentafluorobenzene	363-72-4	83	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:58	Sample ID: Disc - 02 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-02 % Solid:92.34
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.8	<10.8	ug/kg dry	5.L, 3.A
1,1-Dichloroethane	75-34-3	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.8	<10.8	ug/kg dry	5.L, 3.A
1,3,5-Trimethylbenzene	108-67-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	54.1	<54.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.8	<10.8	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.7	<21.7	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:58	Sample ID: Disc - 02 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-02 % Solid:92.34
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.3	<43.3	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.8	<10.8	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.7	<21.7	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.7	<21.7	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.8	12.9	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.8	<10.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 07:58	Sample ID: Disc - 02 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-02 % Solid:92.34
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.8	<10.8	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.8	<10.8	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.8	<10.8	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.8	<10.8	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	103	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	105	79.4-122	
Toluene-d8	2037-26-5	98	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	72	50-200	
1,4-Difluorobenzene	540-36-3	81	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
Pentafluorobenzene	363-72-4	78	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:00	Sample ID: Disc - 03 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-03 % Solid:94.21
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	4.T, 5.L, 3.A
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 4.T, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	2.B, 3.A, 4.G, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.G
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L, 2.B
1,4-Dioxane	123-91-1	53.1	<53.1	ug/kg dry	3.A, 4.G, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	2.B, 3.A, 4.G, 5.L
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
4-Methyl-2-Pentanone	108-10-1	21.2	<21.2	ug/kg dry	3.A, 4.G, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:00	Sample ID: Disc - 03 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-03 % Solid:94.21
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.5	<42.5	ug/kg dry	3.A, 4.G, 5.L
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.G
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	5.L, 3.A
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	3.A, 4.T, 5.L
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.2	<21.2	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.2	<21.2	ug/kg dry	5.L, 3.A, 4.G
Methylene Chloride	75-09-2	10.6	11.1	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 4.T, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:00	Sample ID: Disc - 03 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-03 % Solid:94.21
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
tert-Butyl alcohol	75-65-0	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	4.G, 5.L, 3.A
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	3.A, 4.G, 5.L
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	100	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	105	79.4-122	
Toluene-d8	2037-26-5	98	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	75	50-200	
1,4-Difluorobenzene	540-36-3	84	50-200	
Chlorobenzene-d5	3114-55-4	87	50-200	
Pentafluorobenzene	363-72-4	82	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:09	Sample ID: Disc - 04 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-04 % Solid:95.35
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.5	<10.5	ug/kg dry	5.L, 3.A
1,3-Dichlorobenzene	541-73-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.5	<10.5	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.5	<10.5	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.4	<52.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.5	<10.5	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.0	<21.0	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:09	Sample ID: Disc - 04 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-04 % Solid:95.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.0	<42.0	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.5	<10.5	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.5	<10.5	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.5	<10.5	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.0	<21.0	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.0	<21.0	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.5	11.8	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.5	<10.5	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:09	Sample ID: Disc - 04 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-04 % Solid:95.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.5	<10.5	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.5	<10.5	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.5	<10.5	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.5	<10.5	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.5	<10.5	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.5	<10.5	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.5	<10.5	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	108	79.4-122	
Toluene-d8	2037-26-5	96	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	75	50-200	
1,4-Difluorobenzene	540-36-3	81	50-200	
Chlorobenzene-d5	3114-55-4	87	50-200	
Pentafluorobenzene	363-72-4	78	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:15	Sample ID: Disc - 05 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-05 % Solid:92.26
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.8	<10.8	ug/kg dry	5.L, 2.B, 3.A
1,4-Dioxane	123-91-1	54.2	<54.2	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.8	<10.8	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.7	<21.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:15	Sample ID: Disc - 05 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-05 % Solid:92.26
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.4	62.4	ug/kg dry	3.E, 5.L
Acrylonitrile	107-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.8	<10.8	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.7	<21.7	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.7	<21.7	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.8	13.3	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.8	<10.8	ug/kg dry	5.L, 3.A
Naphthalene	91-20-3	10.8	<10.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:15	Sample ID: Disc - 05 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-05 % Solid:92.26
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.8	<10.8	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.8	<10.8	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.8	<10.8	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.8	<10.8	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	105	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	109	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	70	50-200	
1,4-Difluorobenzene	540-36-3	77	50-200	
Chlorobenzene-d5	3114-55-4	81	50-200	
Pentafluorobenzene	363-72-4	74	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:17	Sample ID: Disc - 06 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-06 % Solid:89.22
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	11.2	<11.2	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	11.2	<11.2	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	11.2	<11.2	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	11.2	<11.2	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	11.2	<11.2	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	11.2	<11.2	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	11.2	<11.2	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	11.2	<11.2	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	11.2	<11.2	ug/kg dry	5.L, 2.B, 3.A
1,4-Dioxane	123-91-1	56.0	<56.0	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	11.2	<11.2	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	11.2	<11.2	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	11.2	<11.2	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	11.2	<11.2	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	11.2	<11.2	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	22.4	<22.4	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:17	Sample ID: Disc - 06 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-06 % Solid:89.22
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	44.8	<44.8	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	11.2	<11.2	ug/kg dry	3.A, 5.L
Benzene	71-43-2	11.2	<11.2	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	11.2	<11.2	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	11.2	<11.2	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	11.2	<11.2	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	11.2	<11.2	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	11.2	<11.2	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	11.2	<11.2	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	11.2	<11.2	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	11.2	<11.2	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	11.2	<11.2	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	11.2	<11.2	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	11.2	<11.2	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	11.2	<11.2	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	11.2	<11.2	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	11.2	<11.2	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	11.2	<11.2	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	11.2	<11.2	ug/kg dry	5.L, 3.A
Dichlorodifluoromethane	75-71-8	11.2	<11.2	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	11.2	<11.2	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	11.2	<11.2	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	11.2	<11.2	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	22.4	<22.4	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	11.2	<11.2	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	22.4	<22.4	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	11.2	14.7	ug/kg dry	3.E, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	11.2	<11.2	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	11.2	<11.2	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:17	Sample ID: Disc - 06 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-06 % Solid:89.22
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	11.2	<11.2	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	11.2	<11.2	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	11.2	<11.2	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	11.2	<11.2	ug/kg dry	3.A, 5.L
Styrene	100-42-5	11.2	<11.2	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	11.2	<11.2	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	11.2	<11.2	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	11.2	<11.2	ug/kg dry	3.A, 5.L
Toluene	108-88-3	11.2	<11.2	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	11.2	<11.2	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	11.2	<11.2	ug/kg dry	5.L, 3.A
Trichloroethylene	79-01-6	11.2	<11.2	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	11.2	<11.2	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	11.2	<11.2	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	105	82.3-134	
Dibromofluoromethane	1868-53-7	106	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	68	50-200	
1,4-Difluorobenzene	540-36-3	78	50-200	
Chlorobenzene-d5	3114-55-4	83	50-200	
Pentafluorobenzene	363-72-4	77	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:26	Sample ID: Disc - 07 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-07 % Solid:88.88
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	11.3	<11.3	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	11.3	<11.3	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	11.3	<11.3	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	11.3	<11.3	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	11.3	<11.3	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	11.3	<11.3	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	11.3	<11.3	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	11.3	<11.3	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	11.3	<11.3	ug/kg dry	5.L, 2.B, 3.A
1,4-Dioxane	123-91-1	56.3	<56.3	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	11.3	<11.3	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	11.3	<11.3	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	11.3	<11.3	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	11.3	<11.3	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	11.3	<11.3	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	22.5	<22.5	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:26	Sample ID: Disc - 07 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-07 % Solid:88.88
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	45.0	89.3	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	11.3	<11.3	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	11.3	<11.3	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	11.3	<11.3	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	11.3	<11.3	ug/kg dry	5.L, 3.A
Bromodichloromethane	75-27-4	11.3	<11.3	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	11.3	<11.3	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	11.3	<11.3	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	11.3	<11.3	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	11.3	<11.3	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	11.3	<11.3	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	11.3	<11.3	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	11.3	<11.3	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	11.3	<11.3	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	11.3	<11.3	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	11.3	<11.3	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	11.3	<11.3	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	11.3	<11.3	ug/kg dry	5.L, 3.A
Dibromomethane	74-95-3	11.3	<11.3	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	11.3	<11.3	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	11.3	<11.3	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	11.3	<11.3	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	11.3	<11.3	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	22.5	<22.5	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	11.3	<11.3	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	22.5	<22.5	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	11.3	16.8	ug/kg dry	4.K, 4.M, 5.L, 3.E
Methyl-tert-Butyl Ether	1634-04-4	11.3	<11.3	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	11.3	<11.3	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:26	Sample ID: Disc - 07 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-07 % Solid:88.88
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	11.3	<11.3	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	11.3	<11.3	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	11.3	<11.3	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	11.3	<11.3	ug/kg dry	3.A, 5.L
Styrene	100-42-5	11.3	<11.3	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	11.3	<11.3	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	11.3	<11.3	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	11.3	<11.3	ug/kg dry	3.A, 5.L
Toluene	108-88-3	11.3	<11.3	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	11.3	<11.3	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	11.3	<11.3	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	11.3	<11.3	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	11.3	<11.3	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	11.3	<11.3	ug/kg dry	5.L, 3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	97	74.4-131	
4-Bromofluorobenzene	460-00-4	101	82.3-134	
Dibromofluoromethane	1868-53-7	106	79.4-122	
Toluene-d8	2037-26-5	98	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	94	50-200	
1,4-Difluorobenzene	540-36-3	105	50-200	
Chlorobenzene-d5	3114-55-4	109	50-200	
Pentafluorobenzene	363-72-4	106	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:29	Sample ID: Disc - 08 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-08 % Solid:93.17
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	5.L, 3.A
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.7	<53.7	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.5	<21.5	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:29	Sample ID: Disc - 08 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-08 % Solid:93.17
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.9	69.6	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.5	<21.5	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.5	<21.5	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.7	19.5	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:29	Sample ID: Disc - 08 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-08 % Solid:93.17
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	5.L, 3.A
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	101	74.4-131	
4-Bromofluorobenzene	460-00-4	105	82.3-134	
Dibromofluoromethane	1868-53-7	109	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	84	50-200	
1,4-Difluorobenzene	540-36-3	101	50-200	
Chlorobenzene-d5	3114-55-4	105	50-200	
Pentafluorobenzene	363-72-4	100	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:32	Sample ID: Disc - 09 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-09 % Solid:92.46
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.8	<10.8	ug/kg dry	5.L, 2.B, 3.A
1,2,4-Trichlorobenzene	120-82-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.8	<10.8	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.8	<10.8	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.8	<10.8	ug/kg dry	5.L, 3.A
1,3-Dichloropropane	142-28-9	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.8	<10.8	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	54.1	<54.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.8	<10.8	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.8	<10.8	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.6	<21.6	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:32	Sample ID: Disc - 09 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-09 % Solid:92.46
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.3	69.4	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.8	<10.8	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.8	<10.8	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.8	<10.8	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.8	<10.8	ug/kg dry	5.L, 3.A
Chlorobenzene	108-90-7	10.8	<10.8	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.8	<10.8	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.8	<10.8	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.8	<10.8	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.8	<10.8	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.8	<10.8	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.6	<21.6	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.6	<21.6	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.8	17.9	ug/kg dry	4.M, 5.L, 3.E, 4.K
Methyl-tert-Butyl Ether	1634-04-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.8	<10.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:32	Sample ID: Disc - 09 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-09 % Solid:92.46
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.8	<10.8	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.8	<10.8	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.8	<10.8	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.8	<10.8	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.8	<10.8	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.8	<10.8	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.8	<10.8	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.8	<10.8	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.8	<10.8	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	100	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	107	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	82	50-200	
1,4-Difluorobenzene	540-36-3	95	50-200	
Chlorobenzene-d5	3114-55-4	98	50-200	
Pentafluorobenzene	363-72-4	96	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:15	Sample ID: Disc - 10 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-10 % Solid:96.38
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	5.L, 3.A
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	51.9	<51.9	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	20.8	<20.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:15	Sample ID: Disc - 10 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-10 % Solid:96.38
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.5	60.0	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.4	19.7	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:15	Sample ID: Disc - 10 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-10 % Solid:96.38
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	5.L, 3.A
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	102	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	100	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	75	50-200	
1,4-Difluorobenzene	540-36-3	87	50-200	
Chlorobenzene-d5	3114-55-4	91	50-200	
Pentafluorobenzene	363-72-4	87	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:27	Sample ID: Disc - 11 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-11 % Solid:95.97
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	5.L, 3.A
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.1	<52.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	5.L, 3.A
4-Methyl-2-Pentanone	108-10-1	20.8	<20.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:27	Sample ID: Disc - 11 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-11 % Solid:95.97
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.7	48.6	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	5.L, 3.A
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.8	<20.8	ug/kg dry	5.L, 3.A
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.4	17.3	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:27	Sample ID: Disc - 11 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-11 % Solid:95.97
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	5.L, 3.A
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	102	74.4-131	
4-Bromofluorobenzene	460-00-4	102	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	77	50-200	
1,4-Difluorobenzene	540-36-3	86	50-200	
Chlorobenzene-d5	3114-55-4	90	50-200	
Pentafluorobenzene	363-72-4	84	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:48	Sample ID: Disc - 12 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-12 % Solid:96.14
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	5.L, 3.A
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.0	<52.0	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	20.8	<20.8	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:48	Sample ID: Disc - 12 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-12 % Solid:96.14
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.6	72.9	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.4	22.0	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:48	Sample ID: Disc - 12 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-12 % Solid:96.14
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	105	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	76	50-200	
1,4-Difluorobenzene	540-36-3	86	50-200	
Chlorobenzene-d5	3114-55-4	92	50-200	
Pentafluorobenzene	363-72-4	86	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:55	Sample ID: Disc - 13 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-13 % Solid:95.36
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.5	<10.5	ug/kg dry	5.L, 3.A
1,2-Dichloropropane	78-87-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.5	<10.5	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.5	<10.5	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.4	<52.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.5	<10.5	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.5	<10.5	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.0	<21.0	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:55	Sample ID: Disc - 13 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-13 % Solid:95.36
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.9	71.7	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.5	<10.5	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.5	<10.5	ug/kg dry	5.L, 3.A
Bromobenzene	108-86-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.5	<10.5	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.5	<10.5	ug/kg dry	3.A, 5.L, 2.B
Chloroethane	75-00-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.5	<10.5	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.5	<10.5	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.0	<21.0	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.0	<21.0	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.5	21.5	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.5	<10.5	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:55	Sample ID: Disc - 13 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-13 % Solid:95.36
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.5	<10.5	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.5	<10.5	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.5	<10.5	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.5	<10.5	ug/kg dry	5.L, 3.A
Styrene	100-42-5	10.5	<10.5	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.5	<10.5	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.5	<10.5	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	101	74.4-131	
4-Bromofluorobenzene	460-00-4	102	82.3-134	
Dibromofluoromethane	1868-53-7	112	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	77	50-200	
1,4-Difluorobenzene	540-36-3	86	50-200	
Chlorobenzene-d5	3114-55-4	91	50-200	
Pentafluorobenzene	363-72-4	84	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/26/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:50	Sample ID: Disc - 14 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-14 % Solid:93.68
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	5.L, 2.B, 3.A
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	5.L, 3.A
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.4	<53.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.4	<21.4	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:50	Sample ID: Disc - 14 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-14 % Solid:93.68
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.7	51.8	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	5.L, 3.A
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	5.L, 3.A
m,p-Xylenes	108-38-3/106-42-3	21.4	<21.4	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.4	<21.4	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.7	23.6	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:50	Sample ID: Disc - 14 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-14 % Solid:93.68
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	101	74.4-131	
4-Bromofluorobenzene	460-00-4	102	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	100	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	74	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	87	50-200	
Pentafluorobenzene	363-72-4	82	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:00	Sample ID: Disc - 15 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-15 % Solid:95.85
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	5.L, 3.A
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.2	<52.2	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	20.9	<20.9	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:00	Sample ID: Disc - 15 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-15 % Solid:95.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.7	78.1	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.9	<20.9	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.9	<20.9	ug/kg dry	5.L, 3.A
Methylene Chloride	75-09-2	10.4	23.6	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:00	Sample ID: Disc - 15 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-15 % Solid:95.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	5.L, 3.A
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	99	82.3-134	
Dibromofluoromethane	1868-53-7	114	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	82	50-200	
1,4-Difluorobenzene	540-36-3	87	50-200	
Chlorobenzene-d5	3114-55-4	94	50-200	
Pentafluorobenzene	363-72-4	84	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:15	Sample ID: Disc - 16 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-16 % Solid:96.85
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.3	<10.3	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.3	<10.3	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.3	<10.3	ug/kg dry	5.L, 3.A
1,2,4-Trimethylbenzene	95-63-6	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.3	<10.3	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.3	<10.3	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.3	<10.3	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.3	<10.3	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.3	<10.3	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.3	<10.3	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.3	<10.3	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	51.6	<51.6	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.3	<10.3	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.3	<10.3	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.3	<10.3	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.3	<10.3	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.3	<10.3	ug/kg dry	5.L, 3.A
4-Methyl-2-Pentanone	108-10-1	20.7	<20.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:15	Sample ID: Disc - 16 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-16 % Solid:96.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.3	47.9	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.3	<10.3	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.3	<10.3	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.3	<10.3	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.3	<10.3	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.3	<10.3	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.3	<10.3	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.3	<10.3	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.3	<10.3	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.3	<10.3	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.3	<10.3	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.3	<10.3	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.3	<10.3	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.3	<10.3	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.3	<10.3	ug/kg dry	5.L, 3.A
cis-1,2-Dichloroethylene	156-59-2	10.3	<10.3	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.3	<10.3	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.3	<10.3	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.3	<10.3	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.3	<10.3	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.3	<10.3	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.3	<10.3	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.3	<10.3	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.7	<20.7	ug/kg dry	5.L, 3.A
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.3	<10.3	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.7	<20.7	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.3	20.7	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.3	<10.3	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.3	<10.3	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:15	Sample ID: Disc - 16 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-16 % Solid:96.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.3	<10.3	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.3	<10.3	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.3	<10.3	ug/kg dry	5.L, 3.A
sec-Butylbenzene	135-98-8	10.3	<10.3	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.3	<10.3	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.3	<10.3	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.3	<10.3	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.3	<10.3	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.3	<10.3	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.3	<10.3	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.3	<10.3	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.3	<10.3	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.3	<10.3	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.3	<10.3	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	113	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	78	50-200	
1,4-Difluorobenzene	540-36-3	87	50-200	
Chlorobenzene-d5	3114-55-4	93	50-200	
Pentafluorobenzene	363-72-4	84	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:20	Sample ID: Disc - 17 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-17 % Solid:95.91
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.1	<52.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	20.9	<20.9	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:20	Sample ID: Disc - 17 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-17 % Solid:95.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.7	86.7	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.9	<20.9	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.9	<20.9	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.4	21.6	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L



Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:20	Sample ID: Disc - 17 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-17 % Solid:95.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	5.L, 3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	102	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	110	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	75	50-200	
1,4-Difluorobenzene	540-36-3	85	50-200	
Chlorobenzene-d5	3114-55-4	89	50-200	
Pentafluorobenzene	363-72-4	84	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:20	Sample ID: Disc - 18 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-18 % Solid:91.32
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	11.0	<11.0	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	11.0	<11.0	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	11.0	<11.0	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	11.0	<11.0	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	11.0	<11.0	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	11.0	<11.0	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	11.0	<11.0	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	11.0	<11.0	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	11.0	<11.0	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	54.8	<54.8	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	11.0	<11.0	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	11.0	<11.0	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	11.0	<11.0	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	11.0	<11.0	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	11.0	<11.0	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.9	<21.9	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:20	Sample ID: Disc - 18 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-18 % Solid:91.32
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.8	183	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	11.0	<11.0	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	11.0	<11.0	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	11.0	<11.0	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	11.0	<11.0	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	11.0	<11.0	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	11.0	<11.0	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	11.0	<11.0	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	11.0	<11.0	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	11.0	<11.0	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	11.0	<11.0	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	11.0	<11.0	ug/kg dry	3.A, 5.L, 2.B
Chloroethane	75-00-3	11.0	<11.0	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	11.0	<11.0	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	11.0	<11.0	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	11.0	<11.0	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	11.0	<11.0	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	11.0	<11.0	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	11.0	<11.0	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	11.0	<11.0	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	11.0	<11.0	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	11.0	<11.0	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	11.0	<11.0	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.9	<21.9	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	11.0	<11.0	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.9	<21.9	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	11.0	21.4	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	11.0	<11.0	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	11.0	<11.0	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:20	Sample ID: Disc - 18 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-18 % Solid:91.32
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	11.0	<11.0	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	11.0	<11.0	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	11.0	<11.0	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	11.0	<11.0	ug/kg dry	5.L, 3.A
Styrene	100-42-5	11.0	<11.0	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	11.0	<11.0	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	11.0	<11.0	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	11.0	<11.0	ug/kg dry	3.A, 5.L
Toluene	108-88-3	11.0	<11.0	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	11.0	<11.0	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	11.0	<11.0	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	11.0	<11.0	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	11.0	<11.0	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	11.0	<11.0	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	100	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	108	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	71	50-200	
1,4-Difluorobenzene	540-36-3	83	50-200	
Chlorobenzene-d5	3114-55-4	86	50-200	
Pentafluorobenzene	363-72-4	82	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:25	Sample ID: Disc - 19 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-19 % Solid:93.59
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	5.L, 2.B, 3.A
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	5.L, 3.A
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.4	<53.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	5.L, 2.B, 3.A
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.4	<21.4	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:25	Sample ID: Disc - 19 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-19 % Solid:93.59
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.7	112	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	5.L, 3.A
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	5.L, 3.A
m,p-Xylenes	108-38-3/106-42-3	21.4	<21.4	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.4	<21.4	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.7	21.3	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:25	Sample ID: Disc - 19 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-19 % Solid:93.59
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	105	74.4-131	
4-Bromofluorobenzene	460-00-4	105	82.3-134	
Dibromofluoromethane	1868-53-7	112	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	72	50-200	
1,4-Difluorobenzene	540-36-3	80	50-200	
Chlorobenzene-d5	3114-55-4	86	50-200	
Pentafluorobenzene	363-72-4	80	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:35	Sample ID: Disc - 20 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-20 % Solid:94.21
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	5.L, 3.A
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.1	<53.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.2	<21.2	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:35	Sample ID: Disc - 20 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-20 % Solid:94.21
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.5	102	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.2	<21.2	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.2	<21.2	ug/kg dry	5.L, 3.A
Methylene Chloride	75-09-2	10.6	21.1	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:35	Sample ID: Disc - 20 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-20 % Solid:94.21
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	5.L, 3.A
tert-Butyl alcohol	75-65-0	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	102	74.4-131	
4-Bromofluorobenzene	460-00-4	105	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	71	50-200	
1,4-Difluorobenzene	540-36-3	82	50-200	
Chlorobenzene-d5	3114-55-4	86	50-200	
Pentafluorobenzene	363-72-4	81	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Disc - 21 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-21 % Solid:96.06
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.4	<10.4	ug/kg dry	5.L, 3.A
1,2,4-Trimethylbenzene	95-63-6	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.4	<10.4	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.4	<10.4	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.4	<10.4	ug/kg dry	5.L, 3.A
1,4-Dichlorobenzene	106-46-7	10.4	<10.4	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	52.1	<52.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.4	<10.4	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.4	<10.4	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	20.8	<20.8	ug/kg dry	3.A, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Disc - 21 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-21 % Solid:96.06
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	41.6	82.9	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.4	<10.4	ug/kg dry	5.L, 3.A, 4.M
Benzene	71-43-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.4	<10.4	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.4	<10.4	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.4	<10.4	ug/kg dry	5.L, 3.A
Chlorodifluoromethane	75-45-6	10.4	<10.4	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.4	<10.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.4	<10.4	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.4	<10.4	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.4	<10.4	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	20.8	<20.8	ug/kg dry	5.L, 3.A
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	20.8	<20.8	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.4	20.7	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.4	<10.4	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Disc - 21 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-21 % Solid:96.06
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.4	<10.4	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.4	<10.4	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.4	<10.4	ug/kg dry	5.L, 3.A
sec-Butylbenzene	135-98-8	10.4	<10.4	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.4	<10.4	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.4	<10.4	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.4	<10.4	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.4	<10.4	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.4	<10.4	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	102	82.3-134	
Dibromofluoromethane	1868-53-7	112	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	71	50-200	
1,4-Difluorobenzene	540-36-3	80	50-200	
Chlorobenzene-d5	3114-55-4	86	50-200	
Pentafluorobenzene	363-72-4	79	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:05	Sample ID: Disc - 22 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-22 % Solid:93.11
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.7	<53.7	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.5	<21.5	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:05	Sample ID: Disc - 22 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-22 % Solid:93.11
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	43.0	149	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.5	<21.5	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	18.1	ug/kg dry	3.E, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.5	<21.5	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.7	21.5	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:05	Sample ID: Disc - 22 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-22 % Solid:93.11
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	5.L, 3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	101	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	111	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	69	50-200	
1,4-Difluorobenzene	540-36-3	78	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
Pentafluorobenzene	363-72-4	78	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:25	Sample ID: Disc - 23 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-23 % Solid:93.71
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.4	<53.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.3	<21.3	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:25	Sample ID: Disc - 23 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-23 % Solid:93.71
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.7	72.4	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	3.A, 5.L, 2.B
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.7	20.8	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:25	Sample ID: Disc - 23 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-23 % Solid:93.71
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	5.L, 3.A
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	104	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	112	79.4-122	
Toluene-d8	2037-26-5	100	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	65	50-200	
1,4-Difluorobenzene	540-36-3	73	50-200	
Chlorobenzene-d5	3114-55-4	77	50-200	
Pentafluorobenzene	363-72-4	71	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:35	Sample ID: Disc - 24 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-24 % Solid:93.92
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	5.L, 2.B, 3.A
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	5.L, 3.A
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.2	<53.2	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	5.L, 2.B, 3.A
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.3	<21.3	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:35	Sample ID: Disc - 24 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-24 % Solid:93.92
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.6	109	ug/kg dry	3.E, 4.K, 4.M, 5.L
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	5.L, 3.A
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	5.L, 3.A
m,p-Xylenes	108-38-3/106-42-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	10.6	20.2	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:35	Sample ID: Disc - 24 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-24 % Solid:93.92
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	5.L, 3.A
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	103	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	109	79.4-122	
Toluene-d8	2037-26-5	99	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	71	50-200	
1,4-Difluorobenzene	540-36-3	79	50-200	
Chlorobenzene-d5	3114-55-4	85	50-200	
Pentafluorobenzene	363-72-4	79	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:40	Sample ID: Disc - 25 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-25 % Solid:94.85
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,1,1-Trichloroethane	71-55-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,2,3-Trichloropropane	96-18-4	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.5	<10.5	ug/kg dry	2.B, 3.A, 4.G, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.5	<10.5	ug/kg dry	5.L, 3.A, 4.G
1,2-Dibromoethane	106-93-4	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,2-Dichloroethane	107-06-2	10.5	<10.5	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	10.5	<10.5	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,3-Dichlorobenzene	541-73-1	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,3-Dichloropropane	142-28-9	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,4-Dichlorobenzene	106-46-7	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
1,4-Diethylbenzene	105-05-5	10.5	<10.5	ug/kg dry	2.B, 3.A, 4.G, 5.L
1,4-Dioxane	123-91-1	52.7	<52.7	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
2-Chlorotoluene	95-49-8	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
4-Chlorotoluene	106-43-4	10.5	<10.5	ug/kg dry	5.L, 3.A, 4.G
4-Ethyltoluene	622-96-8	10.5	<10.5	ug/kg dry	2.B, 3.A, 4.G, 5.L
4-Isopropyltoluene	99-87-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
4-Methyl-2-Pentanone	108-10-1	21.1	<21.1	ug/kg dry	3.A, 4.T, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:40	Sample ID: Disc - 25 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-25 % Solid:94.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.2	81.7	ug/kg dry	3.E, 4.G, 5.L
Acrylonitrile	107-13-1	10.5	<10.5	ug/kg dry	3.A, 4.M, 5.L
Benzene	71-43-2	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.5	<10.5	ug/kg dry	4.G, 5.L, 3.A
Bromochloromethane	74-97-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Bromomethane	74-83-9	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.5	<10.5	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.5	<10.5	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Chlorodifluoromethane	75-45-6	10.5	<10.5	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.5	<10.5	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Dibromochloromethane	124-48-1	10.5	<10.5	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.5	<10.5	ug/kg dry	3.A, 5.L
Dichlorodifluoromethane	75-71-8	10.5	<10.5	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Hexachlorobutadiene	87-68-3	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.1	<21.1	ug/kg dry	3.A, 4.G, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.1	<21.1	ug/kg dry	5.L, 3.A
Methylene Chloride	75-09-2	10.5	19.5	ug/kg dry	3.E, 4.K, 4.M, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:40	Sample ID: Disc - 25 05192017
Date (Time) Received: 05/20/2017 13:02	Laboratory ID: 7052013-25 % Solid:94.85
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
n-Propylbenzene	103-65-1	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
o-Xylene	95-47-6	10.5	<10.5	ug/kg dry	5.L, 3.A, 4.G
sec-Butylbenzene	135-98-8	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Styrene	100-42-5	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
tert-Butyl alcohol	75-65-0	10.5	<10.5	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Tetrachloroethylene	127-18-4	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Toluene	108-88-3	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.5	<10.5	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L
Trichloroethylene	79-01-6	10.5	<10.5	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.5	<10.5	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.5	<10.5	ug/kg dry	3.A, 4.G, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	103	74.4-131	
4-Bromofluorobenzene	460-00-4	101	82.3-134	
Dibromofluoromethane	1868-53-7	110	79.4-122	
Toluene-d8	2037-26-5	100	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	69	50-200	
1,4-Difluorobenzene	540-36-3	77	50-200	
Chlorobenzene-d5	3114-55-4	81	50-200	
Pentafluorobenzene	363-72-4	76	50-200	

Date Prepared: 05/26/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/27/2017

Analytical Method: EPA 8260 C

Data Qualifiers Key Reference:

2.B	Parameter not certifiable by NELAP.
3.A	Reporting limit raised due to matrix interference.
3.E	Compound reported at a dilution factor.
4.G	Spike recovery out of range due to matrix interference.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.M	LCS recovery was above QC acceptance limit.
4.T	Sample Matrix Spike/Spike Dup RPD is above acceptable range.
5.L	Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation





"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS TCH C/O Warden Env Eng 10 Spring Street Oyster Bay, NY 11771				CONTACT: LIAISON Director PHONE: (631) 624-7200 EMAIL: ksarape@warden-associates.com		SAMPLER (SIGNATURE) <i>Madeline Tierney</i> SAMPLER NAME (PRINT) Madeline Tierney		SAMPLE(S) SEALED (YES) / NO (YES) / NO CORRECT CONTAINER(S) (YES) / NO		AIN 7052013 LY)	
PROJECT LOCATION: HEMP395 - Fill				TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms				SAMPLES RECEIVED AT 1.1 °C		ANALYSIS REQUIRED VOCs (B260)	
LABORATORY ID # For Laboratory Use Only	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	# OF CONTAINERS		
1. 7052013-01	S	G		1	1	5/19/2017	0755	DISC-01 05192017	✓	1	
2. -02	S	G		1	1	5/19/2017	0758	DISC-02 05192017	✓	1	
3. -03	S	G		1	1	5/19/2017	0800	DISC-03 05192017	✓	1	
4. -04	S	G		1	1	5/19/2017	0809	DISC-04 05192017	✓	1	
5. -05	S	G		1	1	5/19/2017	0815	DISC-05 05192017	✓	1	
6. -06	S	G		1	1	5/19/2017	0817	DISC-06 05192017	✓	1	
7. -07	S	G		1	1	5/19/2017	0820	DISC-07 05192017	✓	1	
8. -08	S	G		1	1	5/19/2017	0829	DISC-08 05192017	✓	1	
9. -09	S	G		1	1	5/19/2017	0832	DISC-09 05192017	✓	1	
10. -10	S	G		1	1	5/19/2017	1015	DISC-10 05192017	✓	1	
11. -11	S	G		1	1	5/19/2017	1027	DISC-11 05192017	✓	1	
12. -12	S	G		1	1	5/19/2017	1048	DISC-12 05192017	✓	1	
13. -13	S	G		1	1	5/19/2017	1055	DISC-13 05192017	✓	1	
14. -14	S	G		1	1	5/19/2017	1150	DISC-14 05192017	✓	1	

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE;
PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT

COMMENTS / INSTRUCTIONS: email EDD to ksarape@warden-associates.com

RELINQUISHED BY (SIGNATURE) <i>Madeline Tierney</i>	DATE 5/19/17	TIME 1450	PRINTED NAME Madeline Tierney	RECEIVED BY (SIGNATURE) <i>[Signature]</i>	DATE 5/19/17	TIME 2:50	PRINTED NAME Jim Aiken
RELINQUISHED BY (SIGNATURE) <i>[Signature]</i>	DATE 5/19/17	TIME 4:00	PRINTED NAME Jim Aiken	RECEIVED BY SAMPLE CUSTODIAN <i>[Signature]</i>	DATE 5-20-17	TIME 13:02	PRINTED NAME Mila D. Vera Di

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS c/o Kristen Scoope 16 Spring Street after Bay NY 11771				CONTACT: Kristen Scoope PHONE: (516) 624-7200 EMAIL: Kscoope@wadden-associates.com		SAMPLER (SIGNATURE) Maden Tieney		SAMPLE(S) SEALED YES/NO CORRECT CONTAINER(S) YES/NO		LABORATORY ID # 7052013	
PROJECT LOCATION: HEMP 395 - F.I.I				SAMPLER NAME (PRINT) Madeleine Tieney		ANALYSIS REQUIRED 1065 (820)		SAMPLES RECEIVED AT °C			
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms											
LABORATORY ID #	MATRIX	TYPE	PH	RES CHLORINE	DATE	TIME	SAMPLE # LOCATION	SAMPLES REQUIRED	ANALYSIS REQUIRED	YES/NO	# OF CONTAINERS
1. 7052013-45	S	G		1	5/19/2017	1200	DISC-15 05192017	✓	✓	✓	1
2. -16	S	G		1	5/19/2017	1215	DISC-16 05192017	✓	✓	✓	1
3. -17	S	G		1	5/19/2017	1220	DISC-17 05192017	✓	✓	✓	1
4. -18	S	G		1	5/19/2017	1320	DISC-18 05192017	✓	✓	✓	1
5. -19	S	G		1	5/19/2017	1325	DISC-19 05192017	✓	✓	✓	1
6. -20	S	G		1	5/19/2017	1335	DISC-20 05192017	✓	✓	✓	1
7. -21	S	G		1	5/19/2017	1345	DISC-21 05192017	✓	✓	✓	1
8. -22	S	G		1	5/19/2017	1405	DISC-22 05192017	✓	✓	✓	1
9. -23	S	G		1	5/19/2017	1425	DISC-23 05192017	✓	✓	✓	1
10. -24	S	G		1	5/19/2017	1435	DISC-24 05192017	✓	✓	✓	1
11. -25	S	G		1	5/19/2017	1440	DISC-25 05192017	✓	✓	✓	1
12.											
13.											
14.											
MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WASTE; PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER				TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT		COMMENTS / INSTRUCTIONS CMA, I EDD to Kscoope@wadden-associates.com		RECEIVED BY (SIGNATURE) Jin Ashera		DATE 5/19/17 TIME 2:50 PRINTED NAME Jin Ashera	
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON				BY 1/1		RECEIVED BY (SIGNATURE) Jin Ashera		DATE 5/19/17 TIME 4:00 PRINTED NAME Jin Ashera		DATE 5/19/17 TIME 2:50 PRINTED NAME Jin Ashera	

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 7052206

May 31, 2017

Town Of Hempstead (Walden Assoc.)
Kristin Scroope
16 Spring Street
Oyster Bay, NY 11771

Re: HEMP395-Fill

Dear Kristin Scroope,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on May 22, 2017. Long Island Analytical laboratories analyzed the samples on May 30, 2017 for the following:

SAMPLE ID	ANALYSIS
Disc-26 05222017	EPA 8260 C
Disc-27 05222017	EPA 8260 C
Disc-28 05222017	EPA 8260 C
Disc-29 05222017	EPA 8260 C
Disc-30 05222017	EPA 8260 C
Disc-31 05222017	EPA 8260 C

Samples received at 0.5 ° C

5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.**Michael Veraldi - Laboratory Director**

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:35	Sample ID: Disc-26 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-01 % Solid:82.55
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	12.1	<12.1	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	12.1	<12.1	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	12.1	<12.1	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	12.1	<12.1	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	12.1	<12.1	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	12.1	<12.1	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	12.1	<12.1	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	12.1	<12.1	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	12.1	<12.1	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichloropropane	78-87-5	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	12.1	<12.1	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	12.1	<12.1	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	12.1	<12.1	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	12.1	<12.1	ug/kg dry	3.A, 5.L, 2.B
1,4-Dioxane	123-91-1	60.6	<60.6	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	12.1	<12.1	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	12.1	<12.1	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	12.1	<12.1	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	12.1	<12.1	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	12.1	<12.1	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	24.2	<24.2	ug/kg dry	4.J, 4.N, 5.L, 3.A



**LONG
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LABORATORIES INC.**

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:35	Sample ID: Disc-26 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-01 % Solid:82.55
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	48.5	<48.5	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	12.1	<12.1	ug/kg dry	3.A, 5.L
Benzene	71-43-2	12.1	<12.1	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Bromochloromethane	74-97-5	12.1	<12.1	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	12.1	<12.1	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	12.1	<12.1	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	12.1	<12.1	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	12.1	<12.1	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	12.1	<12.1	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	12.1	<12.1	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	12.1	<12.1	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	12.1	<12.1	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	12.1	<12.1	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	12.1	<12.1	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	12.1	<12.1	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	12.1	<12.1	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	12.1	<12.1	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	12.1	<12.1	ug/kg dry	5.L, 3.A
m,p-Xylenes	108-38-3/106-42-3	24.2	<24.2	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	12.1	<12.1	ug/kg dry	3.A, 4.J, 4.N, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	24.2	<24.2	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	12.1	33.6	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:35	Sample ID: Disc-26 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-01 % Solid:82.55
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	12.1	<12.1	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	12.1	<12.1	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	12.1	<12.1	ug/kg dry	5.L, 3.A
Styrene	100-42-5	12.1	<12.1	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	12.1	<12.1	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	12.1	<12.1	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	12.1	<12.1	ug/kg dry	3.A, 5.L
Toluene	108-88-3	12.1	<12.1	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	12.1	<12.1	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	12.1	<12.1	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	12.1	<12.1	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	12.1	<12.1	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	12.1	<12.1	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	89	74.4-131	
4-Bromofluorobenzene	460-00-4	110	82.3-134	
Dibromofluoromethane	1868-53-7	110	79.4-122	
Toluene-d8	2037-26-5	94	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	83	50-200	
1,4-Difluorobenzene	540-36-3	97	50-200	
Chlorobenzene-d5	3114-55-4	103	50-200	
Pentafluorobenzene	363-72-4	93	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:40	Sample ID: Disc-27 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-02 % Solid:93.65
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	5.L, 3.A
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.4	<53.4	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.4	<21.4	ug/kg dry	3.A, 4.J, 4.N, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:40	Sample ID: Disc-27 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-02 % Solid:93.65
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.7	<42.7	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	5.L, 3.A, 4.N
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	5.L, 3.A
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.4	<21.4	ug/kg dry	5.L, 3.A
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	3.A, 4.J, 4.N, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.4	<21.4	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	10.7	41.5	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:40	Sample ID: Disc-27 05222017
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Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	90	74.4-131	
4-Bromofluorobenzene	460-00-4	111	82.3-134	
Dibromofluoromethane	1868-53-7	107	79.4-122	
Toluene-d8	2037-26-5	97	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	78	50-200	
1,4-Difluorobenzene	540-36-3	97	50-200	
Chlorobenzene-d5	3114-55-4	99	50-200	
Pentafluorobenzene	363-72-4	95	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:45	Sample ID: Disc-28 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-03 % Solid:93.86
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.7	<10.7	ug/kg dry	4.N, 5.L, 3.A
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.7	<10.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	10.7	<10.7	ug/kg dry	5.L, 3.A, 4.N
1,2,4,5-Tetramethylbenzene	95-93-2	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.7	<10.7	ug/kg dry	5.L, 3.A, 4.N
1,2-Dichloropropane	78-87-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.7	<10.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	10.7	<10.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.3	<53.3	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.7	<10.7	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.7	<10.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.3	<21.3	ug/kg dry	3.A, 4.J, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:45	Sample ID: Disc-28 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-03 % Solid:93.86
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.6	<42.6	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Bromochloromethane	74-97-5	10.7	<10.7	ug/kg dry	5.L, 3.A
Bromodichloromethane	75-27-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	10.7	<10.7	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.7	<10.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.7	<10.7	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.7	<10.7	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.7	<10.7	ug/kg dry	5.L, 3.A
Chloroform	67-66-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.7	<10.7	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	10.7	<10.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.7	<10.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.7	<10.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.7	<10.7	ug/kg dry	4.J, 4.N, 5.L, 3.A
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.3	<21.3	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	10.7	31.0	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:45	Sample ID: Disc-28 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-03 % Solid:93.86
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.7	<10.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.7	<10.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	10.7	<10.7	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.7	<10.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.7	<10.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.7	<10.7	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.7	<10.7	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	10.7	<10.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.7	<10.7	ug/kg dry	5.L, 3.A
Vinyl chloride	75-01-4	10.7	<10.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	94	74.4-131	
4-Bromofluorobenzene	460-00-4	105	82.3-134	
Dibromofluoromethane	1868-53-7	114	79.4-122	
Toluene-d8	2037-26-5	94	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	81	50-200	
1,4-Difluorobenzene	540-36-3	87	50-200	
Chlorobenzene-d5	3114-55-4	94	50-200	
Pentafluorobenzene	363-72-4	83	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:50	Sample ID: Disc-29 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-04 % Solid:94.38
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.N
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.0	<53.0	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.2	<21.2	ug/kg dry	3.A, 4.J, 4.N, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:50	Sample ID: Disc-29 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-04 % Solid:94.38
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.4	70.0	ug/kg dry	5.L, 3.E
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	5.L, 3.A
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.2	<21.2	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	4.J, 4.N, 5.L, 3.A
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.2	<21.2	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	10.6	35.4	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:50	Sample ID: Disc-29 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-04 % Solid:94.38
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	5.L, 3.A
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	94	74.4-131	
4-Bromofluorobenzene	460-00-4	106	82.3-134	
Dibromofluoromethane	1868-53-7	113	79.4-122	
Toluene-d8	2037-26-5	93	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	78	50-200	
1,4-Difluorobenzene	540-36-3	85	50-200	
Chlorobenzene-d5	3114-55-4	93	50-200	
Pentafluorobenzene	363-72-4	82	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:10	Sample ID: Disc-30 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-05 % Solid:93.91
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.N
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.N
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.2	<53.2	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.3	<21.3	ug/kg dry	3.A, 4.J, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:10	Sample ID: Disc-30 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-05 % Solid:93.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.6	<42.6	ug/kg dry	3.A, 5.L
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	5.L, 3.A
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	5.L, 3.A
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.3	<21.3	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	4.J, 4.N, 5.L, 3.A
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.3	<21.3	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	10.6	35.9	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:10	Sample ID: Disc-30 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-05 % Solid:93.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	5.L, 3.A
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	95	74.4-131	
4-Bromofluorobenzene	460-00-4	104	82.3-134	
Dibromofluoromethane	1868-53-7	116	79.4-122	
Toluene-d8	2037-26-5	94	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	78	50-200	
1,4-Difluorobenzene	540-36-3	86	50-200	
Chlorobenzene-d5	3114-55-4	91	50-200	
Pentafluorobenzene	363-72-4	79	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:20	Sample ID: Disc-31 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-06 % Solid:94.19
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1,2-Trichloroethane	79-00-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,1-Dichloroethane	75-34-3	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	10.6	<10.6	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,3-Trichloropropane	96-18-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dibromoethane	106-93-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,2-Dichlorobenzene	95-50-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	10.6	<10.6	ug/kg dry	5.L, 3.A, 4.N
1,2-Dichloropropane	78-87-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,3,5-Trimethylbenzene	108-67-8	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	10.6	<10.6	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
1,4-Dichlorobenzene	106-46-7	10.6	<10.6	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
1,4-Dioxane	123-91-1	53.1	<53.1	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	10.6	<10.6	ug/kg dry	3.A, 4.J, 4.N, 5.L
2-Chlorotoluene	95-49-8	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Chlorotoluene	106-43-4	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
4-Isopropyltoluene	99-87-6	10.6	<10.6	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.2	<21.2	ug/kg dry	3.A, 4.J, 4.N, 5.L

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:20	Sample ID: Disc-31 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-06 % Solid:94.19
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Acetone	67-64-1	42.5	46.0	ug/kg dry	4.K, 5.L, 3.E
Acrylonitrile	107-13-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromochloromethane	74-97-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Bromoform	75-25-2	10.6	<10.6	ug/kg dry	3.A, 5.L
Bromomethane	74-83-9	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon disulfide	75-15-0	10.6	<10.6	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	10.6	<10.6	ug/kg dry	3.A, 5.L
Chlorodifluoromethane	75-45-6	10.6	<10.6	ug/kg dry	2.B, 3.A, 5.L
Chloroethane	75-00-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Chloromethane	74-87-3	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	10.6	<10.6	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dibromochloromethane	124-48-1	10.6	<10.6	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Dichlorodifluoromethane	75-71-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	10.6	<10.6	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.6	<10.6	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	21.2	<21.2	ug/kg dry	3.A, 5.L
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.6	<10.6	ug/kg dry	3.A, 4.J, 4.N, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	21.2	<21.2	ug/kg dry	3.A, 4.N, 5.L
Methylene Chloride	75-09-2	10.6	34.3	ug/kg dry	3.E, 4.C, 4.K, 5.L
Methyl-tert-Butyl Ether	1634-04-4	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Naphthalene	91-20-3	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:20	Sample ID: Disc-31 05222017
Date (Time) Received: 05/22/2017 12:23	Laboratory ID: 7052206-06 % Solid:94.19
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	10.6	<10.6	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	10.6	<10.6	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
sec-Butylbenzene	135-98-8	10.6	<10.6	ug/kg dry	3.A, 5.L
Styrene	100-42-5	10.6	<10.6	ug/kg dry	3.A, 5.L
tert-Butyl alcohol	75-65-0	10.6	11.7	ug/kg dry	3.E, 5.L
tert-Butylbenzene	98-06-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Toluene	108-88-3	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	10.6	<10.6	ug/kg dry	3.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	10.6	<10.6	ug/kg dry	3.A, 4.N, 5.L
Trichloroethylene	79-01-6	10.6	<10.6	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	10.6	<10.6	ug/kg dry	3.A, 5.L
Vinyl chloride	75-01-4	10.6	<10.6	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	95	74.4-131	
4-Bromofluorobenzene	460-00-4	103	82.3-134	
Dibromofluoromethane	1868-53-7	117	79.4-122	
Toluene-d8	2037-26-5	95	85-123	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	77	50-200	
1,4-Difluorobenzene	540-36-3	82	50-200	
Chlorobenzene-d5	3114-55-4	89	50-200	
Pentafluorobenzene	363-72-4	76	50-200	

Date Prepared: 05/30/2017

Preparation Method: EPA 5035A-L

Date Analyzed: 05/30/2017

Analytical Method: EPA 8260 C

Data Qualifiers Key Reference:

2.B	Parameter not certifiable by NELAP.
3.A	Reporting limit raised due to matrix interference.
3.E	Compound reported at a dilution factor.
4.C	Target compound found in blank.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.N	LCS recovery was below QC acceptance limit.
5.L	Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation





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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS TOH C/O Walden Env Eng. 16 Spring Street Oyster Bay, NY 11771				CONTACT: Kristin Scarope PHONE: (516) 624-7200 FAX: (516) 624-3219 EMAIL: kscarope@walden-associates.com		SAMPLER (SIGNATURE) <i>Madeline Tierney</i> SAMPLER NAME (PRINT) Madeline Tierney		SAMPLE(S) SEALED YES / NO CORRECT CONTAINER(S) YES / NO		IN 70522206 Y)							
PROJECT LOCATION: HENP395 - Full				TERMS & CONDITIONS: Accounts are payable in full within thirty days; outstanding balances accrue service charges of 1.5% per month. Tending of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		SAMPLES RECEIVED AT 6.5 °C		ANALYSIS REQUIRED VOCs (B2C)									
LABORATORY ID # For Laboratory Use Only		MATRIX		TYPE		PH		RES. CHLORINE		DATE		TIME		SAMPLE # LOCATION		# OF CONTAINERS	
1. 7052206-01		S G						1		5/22/17		0735		DISC-26 05222017		1	
2. -02		S G						1		5/22/17		0740		DISC-27 05222017		1	
3. -03		S G						1		5/22/17		0745		DISC-28 05222017		1	
4. -04		S G						1		5/22/17		0750		DISC-29 05222017		1	
5. -05		S G						1		5/22/17		0810		DISC-30 05222017		1	
6. -06		S G						1		5/22/17		0820		DISC-31 05222017		1	
7.																	
8.																	
9.																	
10.																	
11.																	
12.																	
13.																	
14.																	

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT		COMMENTS / INSTRUCTIONS Email BDD to kscarope@walden-associates.com	
RECEIVED BY (SIGNATURE) <i>Ashley Erdmann</i>		RECEIVED BY (SIGNATURE) <i>Nick Martino</i>	
DATE 5/22/17 TIME 1223		DATE 5/22/17 TIME 1223	
PRINTED NAME ASHLEY ERDMANN		PRINTED NAME NICK MARTINO	

RELINQUISHED BY (SIGNATURE) <i>Ashley Erdmann</i>		RELINQUISHED BY (SIGNATURE) <i>Nick Martino</i>	
DATE 5/22/17 TIME 1412		DATE 5/22/17 TIME 1636	
PRINTED NAME ASHLEY ERDMANN		PRINTED NAME NICK MARTINO	



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Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 7052014

May 31, 2017

Town Of Hempstead (Walden Assoc.)
Peter Brighton
16 Spring Street
Oyster Bay, NY 11771

Re: HEMP 395 - Fill

Dear Peter Brighton,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on May 20, 2017. Long Island Analytical laboratories analyzed the samples on May 26, 2017 for the following:

SAMPLE ID	ANALYSIS
Comp - 01 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 02 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 03 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 04 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 05 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 06 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 07 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 08 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 09 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 10 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
Comp - 11 05192017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals

Samples received at 2.0 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	162	<162	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	162	<162	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	162	<162	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	162	<162	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	162	<162	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	96.9	<96.9	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	96.9	<96.9	ug/kg dry	
2,4-Dichlorophenol	120-83-2	162	<162	ug/kg dry	
2,4-Dimethylphenol	105-67-9	162	<162	ug/kg dry	
2,4-Dinitrophenol	51-28-5	162	<162	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	162	<162	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	162	<162	ug/kg dry	
2-Chloronaphthalene	91-58-7	162	<162	ug/kg dry	
2-Chlorophenol	95-57-8	162	<162	ug/kg dry	
2-Methylnaphthalene	91-57-6	162	<162	ug/kg dry	
2-Methylphenol	95-48-7	162	<162	ug/kg dry	4.K
2-Nitroaniline	88-74-4	162	<162	ug/kg dry	
2-Nitrophenol	88-75-5	162	<162	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	162	<162	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	162	<162	ug/kg dry	
3-Nitroaniline	99-09-2	162	<162	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	162	<162	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	162	<162	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	162	<162	ug/kg dry	
4-Chloroaniline	106-47-8	162	<162	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	162	<162	ug/kg dry	
4-Nitroaniline	100-01-6	162	<162	ug/kg dry	
4-Nitrophenol	100-02-7	162	<162	ug/kg dry	4.K
Acenaphthene	83-32-9	162	<162	ug/kg dry	
Acenaphthylene	208-96-8	162	<162	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	162	<162	ug/kg dry	
Anthracene	120-12-7	162	<162	ug/kg dry	
Benzidine	92-87-5	162	<162	ug/kg dry	
Benzo(a)anthracene	56-55-3	162	<162	ug/kg dry	
Benzo(a)pyrene	50-32-8	162	<162	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	162	<162	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	162	<162	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	162	<162	ug/kg dry	
Benzoic Acid	65-85-0	162	<162	ug/kg dry	4.K
Benzyl alcohol	100-51-6	162	<162	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	162	<162	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	162	<162	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	162	393	ug/kg dry	
Butyl benzyl phthalate	85-68-7	162	<162	ug/kg dry	4.K
Carbazole	86-74-8	162	<162	ug/kg dry	
Chrysene	218-01-9	162	<162	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	162	<162	ug/kg dry	
Dibenzofuran	132-64-9	162	<162	ug/kg dry	
Diethyl phthalate	84-66-2	162	<162	ug/kg dry	
Dimethyl phthalate	131-11-3	162	<162	ug/kg dry	
Di-n-butyl phthalate	84-74-2	162	<162	ug/kg dry	
Di-n-octyl phthalate	117-84-0	162	<162	ug/kg dry	4.K
Fluoranthene	206-44-0	162	<162	ug/kg dry	
Fluorene	86-73-7	162	<162	ug/kg dry	
Hexachlorobenzene	118-74-1	162	<162	ug/kg dry	
Hexachlorobutadiene	87-68-3	162	<162	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	162	<162	ug/kg dry	
Hexachloroethane	67-72-1	162	<162	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	162	<162	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	162	168	ug/kg dry	
Naphthalene	91-20-3	162	<162	ug/kg dry	
Nitrobenzene	98-95-3	162	<162	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	162	<162	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	162	<162	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	162	<162	ug/kg dry	
Parathion (ethyl)	56-38-2	162	<162	ug/kg dry	4.K
Pentachlorophenol	87-86-5	162	<162	ug/kg dry	
Phenanthrene	85-01-8	162	<162	ug/kg dry	
Phenol	108-95-2	162	<162	ug/kg dry	
Pyrene	129-00-0	162	<162	ug/kg dry	
Pyridine	110-86-1	162	<162	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	40	18.04-120.2	
2-Fluorobiphenyl	321-60-8	48	34.39-110.73	
2-Fluorophenol	367-12-4	47	22.98-107.57	
Nitrobenzene-d5	4165-60-0	40	31-118.25	
Phenol-d6	13127-88-3	47	35.55-111.39	
Terphenyl-d14	1718-51-0	56	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	94	50-200	
Acenaphthene-d10	15067-26-2	93	50-200	
Chrysene-d12	1719-03-5	89	50-200	
Naphthalene-d8	1146-65-2	97	50-200	
Perylene-d12	1520-96-3	89	50-200	
Phenanthrene-d10	1517-22-2	91	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.23	<3.23	ug/kg dry	4.G
4,4'-DDE	72-55-9	3.23	3.85	ug/kg dry	4.G
4,4'-DDT	50-29-3	3.23	3.92	ug/kg dry	
Aldrin	309-00-2	5.38	<5.38	ug/kg dry	4.G
alpha-BHC	319-84-6	5.38	<5.38	ug/kg dry	4.G
beta-BHC	319-85-7	5.38	<5.38	ug/kg dry	4.G
Chlordane	12789-03-6	16.2	<16.2	ug/kg dry	
cis-Chlordane	5103-71-9	5.38	<5.38	ug/kg dry	4.G
delta-BHC	319-86-8	5.38	<5.38	ug/kg dry	4.G
Dieldrin	60-57-1	5.38	<5.38	ug/kg dry	4.G
Endosulfan I	959-98-8	5.38	<5.38	ug/kg dry	4.G
Endosulfan II	33213-65-9	5.38	<5.38	ug/kg dry	4.G
Endosulfan Sulfate	1031-07-8	5.38	<5.38	ug/kg dry	4.G
Endrin	72-20-8	5.38	<5.38	ug/kg dry	4.G
Endrin Aldehyde	7421-93-4	5.38	<5.38	ug/kg dry	
Endrin Ketone	53494-70-5	5.38	<5.38	ug/kg dry	4.G
gamma-BHC	58-89-9	5.38	<5.38	ug/kg dry	4.G
Heptachlor	76-44-8	5.38	<5.38	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.38	<5.38	ug/kg dry	4.G
Methoxychlor	72-43-5	5.38	<5.38	ug/kg dry	
Mirex	2385-85-5	5.38	<5.38	ug/kg dry	4.G
Toxaphene	8001-35-2	108	<108	ug/kg dry	
trans-Chlordane	5103-74-2	5.38	<5.38	ug/kg dry	4.G

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.8	<10.8	ug/kg dry	
Aroclor-1221	11104-28-2	10.8	<10.8	ug/kg dry	
Aroclor-1232	11141-16-5	10.8	<10.8	ug/kg dry	
Aroclor-1242	53469-21-9	10.8	<10.8	ug/kg dry	
Aroclor-1248	12672-29-6	10.8	<10.8	ug/kg dry	
Aroclor-1254	11097-69-1	10.8	<10.8	ug/kg dry	
Aroclor-1260	11096-82-5	10.8	<10.8	ug/kg dry	
Aroclor-1262	37324-23-5	10.8	<10.8	ug/kg dry	
Aroclor-1268	11100-14-4	10.8	<10.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	77	43.5-123	
Tetrachloro-m-xylene	877-09-8	105	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	125	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:40	Sample ID: Comp - 01 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-01 % Solid:92.87
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.68	1.96	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.68	17.7	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.68	7.38	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.68	6.05	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.68	8.31	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.68	99.6	mg/kg dry	4.H
Nickel	05/26/2017	EPA 6010 C	1.68	4.85	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.68	21.7	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.509	<0.509	mg/kg dry	4.G

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.03	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	164	<164	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	164	<164	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	164	<164	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	164	<164	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	164	<164	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	98.6	<98.6	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	98.6	<98.6	ug/kg dry	
2,4-Dichlorophenol	120-83-2	164	<164	ug/kg dry	
2,4-Dimethylphenol	105-67-9	164	<164	ug/kg dry	
2,4-Dinitrophenol	51-28-5	164	<164	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	164	<164	ug/kg dry	4.H, 4.N
2,6-Dinitrotoluene	606-20-2	164	<164	ug/kg dry	
2-Chloronaphthalene	91-58-7	164	<164	ug/kg dry	
2-Chlorophenol	95-57-8	164	<164	ug/kg dry	
2-Methylnaphthalene	91-57-6	164	<164	ug/kg dry	
2-Methylphenol	95-48-7	164	<164	ug/kg dry	4.K
2-Nitroaniline	88-74-4	164	<164	ug/kg dry	
2-Nitrophenol	88-75-5	164	<164	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	164	<164	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	164	<164	ug/kg dry	
3-Nitroaniline	99-09-2	164	<164	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	164	<164	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	164	<164	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	164	<164	ug/kg dry	
4-Chloroaniline	106-47-8	164	<164	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	164	<164	ug/kg dry	
4-Nitroaniline	100-01-6	164	<164	ug/kg dry	
4-Nitrophenol	100-02-7	164	<164	ug/kg dry	4.K
Acenaphthene	83-32-9	164	<164	ug/kg dry	
Acenaphthylene	208-96-8	164	<164	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	164	<164	ug/kg dry	
Anthracene	120-12-7	164	<164	ug/kg dry	
Benzidine	92-87-5	164	<164	ug/kg dry	4.H
Benzo(a)anthracene	56-55-3	164	<164	ug/kg dry	
Benzo(a)pyrene	50-32-8	164	<164	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	164	<164	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	164	<164	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	164	<164	ug/kg dry	
Benzoic Acid	65-85-0	164	<164	ug/kg dry	4.K
Benzyl alcohol	100-51-6	164	<164	ug/kg dry	4.H, 4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	164	<164	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	164	<164	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	164	<164	ug/kg dry	
Butyl benzyl phthalate	85-68-7	164	<164	ug/kg dry	4.K
Carbazole	86-74-8	164	<164	ug/kg dry	
Chrysene	218-01-9	164	<164	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	164	<164	ug/kg dry	
Dibenzofuran	132-64-9	164	<164	ug/kg dry	
Diethyl phthalate	84-66-2	164	<164	ug/kg dry	
Dimethyl phthalate	131-11-3	164	<164	ug/kg dry	
Di-n-butyl phthalate	84-74-2	164	<164	ug/kg dry	
Di-n-octyl phthalate	117-84-0	164	<164	ug/kg dry	4.K
Fluoranthene	206-44-0	164	<164	ug/kg dry	
Fluorene	86-73-7	164	<164	ug/kg dry	
Hexachlorobenzene	118-74-1	164	<164	ug/kg dry	
Hexachlorobutadiene	87-68-3	164	<164	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	164	<164	ug/kg dry	
Hexachloroethane	67-72-1	164	<164	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	164	<164	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	164	<164	ug/kg dry	
Naphthalene	91-20-3	164	<164	ug/kg dry	
Nitrobenzene	98-95-3	164	<164	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	164	<164	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	164	<164	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	164	<164	ug/kg dry	
Parathion (ethyl)	56-38-2	164	<164	ug/kg dry	4.K
Pentachlorophenol	87-86-5	164	<164	ug/kg dry	
Phenanthrene	85-01-8	164	<164	ug/kg dry	
Phenol	108-95-2	164	<164	ug/kg dry	
Pyrene	129-00-0	164	<164	ug/kg dry	
Pyridine	110-86-1	164	<164	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	36	18.04-120.2	
2-Fluorobiphenyl	321-60-8	53	34.39-110.73	
2-Fluorophenol	367-12-4	53	22.98-107.57	
Nitrobenzene-d5	4165-60-0	45	31-118.25	
Phenol-d6	13127-88-3	56	35.55-111.39	
Terphenyl-d14	1718-51-0	63	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	91	50-200	
Acenaphthene-d10	15067-26-2	95	50-200	
Chrysene-d12	1719-03-5	85	50-200	
Naphthalene-d8	1146-65-2	94	50-200	
Perylene-d12	1520-96-3	85	50-200	
Phenanthrene-d10	1517-22-2	87	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.29	<3.29	ug/kg dry	
4,4'-DDE	72-55-9	3.29	3.88	ug/kg dry	
4,4'-DDT	50-29-3	3.29	4.36	ug/kg dry	
Aldrin	309-00-2	5.48	<5.48	ug/kg dry	
alpha-BHC	319-84-6	5.48	<5.48	ug/kg dry	
beta-BHC	319-85-7	5.48	<5.48	ug/kg dry	
Chlordane	12789-03-6	16.4	<16.4	ug/kg dry	
cis-Chlordane	5103-71-9	5.48	<5.48	ug/kg dry	
delta-BHC	319-86-8	5.48	<5.48	ug/kg dry	
Dieldrin	60-57-1	5.48	<5.48	ug/kg dry	
Endosulfan I	959-98-8	5.48	<5.48	ug/kg dry	
Endosulfan II	33213-65-9	5.48	<5.48	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.48	<5.48	ug/kg dry	
Endrin	72-20-8	5.48	<5.48	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.48	<5.48	ug/kg dry	
Endrin Ketone	53494-70-5	5.48	<5.48	ug/kg dry	
gamma-BHC	58-89-9	5.48	<5.48	ug/kg dry	
Heptachlor	76-44-8	5.48	<5.48	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.48	<5.48	ug/kg dry	
Methoxychlor	72-43-5	5.48	<5.48	ug/kg dry	
Mirex	2385-85-5	5.48	<5.48	ug/kg dry	
Toxaphene	8001-35-2	110	<110	ug/kg dry	
trans-Chlordane	5103-74-2	5.48	<5.48	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	11.0	<11.0	ug/kg dry	
Aroclor-1221	11104-28-2	11.0	<11.0	ug/kg dry	
Aroclor-1232	11141-16-5	11.0	<11.0	ug/kg dry	
Aroclor-1242	53469-21-9	11.0	<11.0	ug/kg dry	
Aroclor-1248	12672-29-6	11.0	<11.0	ug/kg dry	
Aroclor-1254	11097-69-1	11.0	<11.0	ug/kg dry	
Aroclor-1260	11096-82-5	11.0	<11.0	ug/kg dry	
Aroclor-1262	37324-23-5	11.0	<11.0	ug/kg dry	
Aroclor-1268	11100-14-4	11.0	<11.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	83	43.5-123	
Tetrachloro-m-xylene	877-09-8	120	72.3-118	4.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	110	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:45	Sample ID: Comp - 02 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-02 % Solid:91.26
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.87	2.40	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.87	17.2	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.87	<1.87	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.87	<1.87	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.87	6.89	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.87	6.26	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.87	13.9	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.87	146	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.87	5.45	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.87	<1.87	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.87	<1.87	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.87	18.6	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.520	<0.520	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	164	<164	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	164	<164	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	164	<164	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	164	<164	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	164	<164	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	98.3	<98.3	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	98.3	<98.3	ug/kg dry	
2,4-Dichlorophenol	120-83-2	164	<164	ug/kg dry	
2,4-Dimethylphenol	105-67-9	164	<164	ug/kg dry	
2,4-Dinitrophenol	51-28-5	164	<164	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	164	<164	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	164	<164	ug/kg dry	
2-Chloronaphthalene	91-58-7	164	<164	ug/kg dry	
2-Chlorophenol	95-57-8	164	<164	ug/kg dry	
2-Methylnaphthalene	91-57-6	164	<164	ug/kg dry	
2-Methylphenol	95-48-7	164	<164	ug/kg dry	4.K
2-Nitroaniline	88-74-4	164	<164	ug/kg dry	
2-Nitrophenol	88-75-5	164	<164	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	164	<164	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	164	<164	ug/kg dry	
3-Nitroaniline	99-09-2	164	<164	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	164	<164	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	164	<164	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	164	<164	ug/kg dry	
4-Chloroaniline	106-47-8	164	<164	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	164	<164	ug/kg dry	
4-Nitroaniline	100-01-6	164	<164	ug/kg dry	
4-Nitrophenol	100-02-7	164	<164	ug/kg dry	4.K
Acenaphthene	83-32-9	164	<164	ug/kg dry	
Acenaphthylene	208-96-8	164	<164	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	164	<164	ug/kg dry	
Anthracene	120-12-7	164	<164	ug/kg dry	
Benzidine	92-87-5	164	<164	ug/kg dry	
Benzo(a)anthracene	56-55-3	164	<164	ug/kg dry	
Benzo(a)pyrene	50-32-8	164	<164	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	164	<164	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	164	<164	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	164	<164	ug/kg dry	
Benzoic Acid	65-85-0	164	<164	ug/kg dry	4.K
Benzyl alcohol	100-51-6	164	<164	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	164	<164	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	164	<164	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	164	<164	ug/kg dry	
Butyl benzyl phthalate	85-68-7	164	<164	ug/kg dry	4.K
Carbazole	86-74-8	164	<164	ug/kg dry	
Chrysene	218-01-9	164	<164	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	164	<164	ug/kg dry	
Dibenzofuran	132-64-9	164	<164	ug/kg dry	
Diethyl phthalate	84-66-2	164	<164	ug/kg dry	
Dimethyl phthalate	131-11-3	164	<164	ug/kg dry	
Di-n-butyl phthalate	84-74-2	164	<164	ug/kg dry	
Di-n-octyl phthalate	117-84-0	164	<164	ug/kg dry	4.K
Fluoranthene	206-44-0	164	<164	ug/kg dry	
Fluorene	86-73-7	164	<164	ug/kg dry	
Hexachlorobenzene	118-74-1	164	<164	ug/kg dry	
Hexachlorobutadiene	87-68-3	164	<164	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	164	<164	ug/kg dry	
Hexachloroethane	67-72-1	164	<164	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	164	<164	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	164	<164	ug/kg dry	
Naphthalene	91-20-3	164	<164	ug/kg dry	
Nitrobenzene	98-95-3	164	<164	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	164	<164	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	164	<164	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	164	<164	ug/kg dry	
Parathion (ethyl)	56-38-2	164	<164	ug/kg dry	4.K
Pentachlorophenol	87-86-5	164	<164	ug/kg dry	
Phenanthrene	85-01-8	164	<164	ug/kg dry	
Phenol	108-95-2	164	<164	ug/kg dry	
Pyrene	129-00-0	164	<164	ug/kg dry	
Pyridine	110-86-1	164	<164	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	51	18.04-120.2	
2-Fluorobiphenyl	321-60-8	63	34.39-110.73	
2-Fluorophenol	367-12-4	67	22.98-107.57	
Nitrobenzene-d5	4165-60-0	56	31-118.25	
Phenol-d6	13127-88-3	64	35.55-111.39	
Terphenyl-d14	1718-51-0	79	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	81	50-200	
Acenaphthene-d10	15067-26-2	83	50-200	
Chrysene-d12	1719-03-5	76	50-200	
Naphthalene-d8	1146-65-2	83	50-200	
Perylene-d12	1520-96-3	77	50-200	
Phenanthrene-d10	1517-22-2	77	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.28	<3.28	ug/kg dry	
4,4'-DDE	72-55-9	3.28	3.93	ug/kg dry	
4,4'-DDT	50-29-3	3.28	<3.28	ug/kg dry	
Aldrin	309-00-2	5.46	<5.46	ug/kg dry	
alpha-BHC	319-84-6	5.46	<5.46	ug/kg dry	
beta-BHC	319-85-7	5.46	<5.46	ug/kg dry	
Chlordane	12789-03-6	16.4	<16.4	ug/kg dry	
cis-Chlordane	5103-71-9	5.46	<5.46	ug/kg dry	
delta-BHC	319-86-8	5.46	<5.46	ug/kg dry	
Dieldrin	60-57-1	5.46	<5.46	ug/kg dry	
Endosulfan I	959-98-8	5.46	<5.46	ug/kg dry	
Endosulfan II	33213-65-9	5.46	<5.46	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.46	<5.46	ug/kg dry	
Endrin	72-20-8	5.46	<5.46	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.46	<5.46	ug/kg dry	
Endrin Ketone	53494-70-5	5.46	<5.46	ug/kg dry	
gamma-BHC	58-89-9	5.46	<5.46	ug/kg dry	
Heptachlor	76-44-8	5.46	<5.46	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.46	<5.46	ug/kg dry	
Methoxychlor	72-43-5	5.46	<5.46	ug/kg dry	
Mirex	2385-85-5	5.46	<5.46	ug/kg dry	
Toxaphene	8001-35-2	109	<109	ug/kg dry	
trans-Chlordane	5103-74-2	5.46	<5.46	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.9	<10.9	ug/kg dry	
Aroclor-1221	11104-28-2	10.9	<10.9	ug/kg dry	
Aroclor-1232	11141-16-5	10.9	<10.9	ug/kg dry	
Aroclor-1242	53469-21-9	10.9	<10.9	ug/kg dry	
Aroclor-1248	12672-29-6	10.9	<10.9	ug/kg dry	
Aroclor-1254	11097-69-1	10.9	<10.9	ug/kg dry	
Aroclor-1260	11096-82-5	10.9	<10.9	ug/kg dry	
Aroclor-1262	37324-23-5	10.9	<10.9	ug/kg dry	
Aroclor-1268	11100-14-4	10.9	<10.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	59	43.5-123	
Tetrachloro-m-xylene	877-09-8	75	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	117	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 08:50	Sample ID: Comp - 03 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-03 % Solid:91.60
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.82	2.35	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.82	17.6	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.82	<1.82	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.82	<1.82	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.82	7.55	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.82	6.13	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.82	10.1	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.82	142	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.82	5.20	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.82	<1.82	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.82	<1.82	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.82	18.1	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.527	<0.527	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.12	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	157	<157	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	157	<157	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	157	<157	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	157	<157	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	157	<157	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	94.2	<94.2	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	94.2	<94.2	ug/kg dry	
2,4-Dichlorophenol	120-83-2	157	<157	ug/kg dry	
2,4-Dimethylphenol	105-67-9	157	<157	ug/kg dry	
2,4-Dinitrophenol	51-28-5	157	<157	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	157	<157	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	157	<157	ug/kg dry	
2-Chloronaphthalene	91-58-7	157	<157	ug/kg dry	
2-Chlorophenol	95-57-8	157	<157	ug/kg dry	
2-Methylnaphthalene	91-57-6	157	<157	ug/kg dry	
2-Methylphenol	95-48-7	157	<157	ug/kg dry	4.K
2-Nitroaniline	88-74-4	157	<157	ug/kg dry	
2-Nitrophenol	88-75-5	157	<157	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	157	<157	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	157	<157	ug/kg dry	
3-Nitroaniline	99-09-2	157	<157	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	157	<157	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	157	<157	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	157	<157	ug/kg dry	
4-Chloroaniline	106-47-8	157	<157	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	157	<157	ug/kg dry	
4-Nitroaniline	100-01-6	157	<157	ug/kg dry	
4-Nitrophenol	100-02-7	157	<157	ug/kg dry	4.K
Acenaphthene	83-32-9	157	<157	ug/kg dry	
Acenaphthylene	208-96-8	157	<157	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	157	<157	ug/kg dry	
Anthracene	120-12-7	157	<157	ug/kg dry	
Benztidine	92-87-5	157	<157	ug/kg dry	
Benzo(a)anthracene	56-55-3	157	<157	ug/kg dry	
Benzo(a)pyrene	50-32-8	157	<157	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	157	<157	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	157	<157	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	157	<157	ug/kg dry	
Benzoic Acid	65-85-0	157	<157	ug/kg dry	4.K
Benzyl alcohol	100-51-6	157	<157	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	157	<157	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	157	<157	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	157	<157	ug/kg dry	
Butyl benzyl phthalate	85-68-7	157	<157	ug/kg dry	4.K
Carbazole	86-74-8	157	<157	ug/kg dry	
Chrysene	218-01-9	157	<157	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	157	<157	ug/kg dry	
Dibenzofuran	132-64-9	157	<157	ug/kg dry	
Diethyl phthalate	84-66-2	157	<157	ug/kg dry	
Dimethyl phthalate	131-11-3	157	<157	ug/kg dry	
Di-n-butyl phthalate	84-74-2	157	<157	ug/kg dry	
Di-n-octyl phthalate	117-84-0	157	<157	ug/kg dry	4.K
Fluoranthene	206-44-0	157	<157	ug/kg dry	
Fluorene	86-73-7	157	<157	ug/kg dry	
Hexachlorobenzene	118-74-1	157	<157	ug/kg dry	
Hexachlorobutadiene	87-68-3	157	<157	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	157	<157	ug/kg dry	
Hexachloroethane	67-72-1	157	<157	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	157	<157	ug/kg dry	



Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	157	<157	ug/kg dry	
Naphthalene	91-20-3	157	<157	ug/kg dry	
Nitrobenzene	98-95-3	157	<157	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	157	<157	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	157	<157	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	157	<157	ug/kg dry	
Parathion (ethyl)	56-38-2	157	<157	ug/kg dry	4.K
Pentachlorophenol	87-86-5	157	<157	ug/kg dry	
Phenanthrene	85-01-8	157	<157	ug/kg dry	
Phenol	108-95-2	157	<157	ug/kg dry	
Pyrene	129-00-0	157	<157	ug/kg dry	
Pyridine	110-86-1	157	<157	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	58	18.04-120.2	
2-Fluorobiphenyl	321-60-8	69	34.39-110.73	
2-Fluorophenol	367-12-4	69	22.98-107.57	
Nitrobenzene-d5	4165-60-0	57	31-118.25	
Phenol-d6	13127-88-3	65	35.55-111.39	
Terphenyl-d14	1718-51-0	77	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	90	50-200	
Acenaphthene-d10	15067-26-2	91	50-200	
Chrysene-d12	1719-03-5	87	50-200	
Naphthalene-d8	1146-65-2	93	50-200	
Perylene-d12	1520-96-3	87	50-200	
Phenanthrene-d10	1517-22-2	88	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.14	<3.14	ug/kg dry	
4,4'-DDE	72-55-9	3.14	4.02	ug/kg dry	
4,4'-DDT	50-29-3	3.14	4.08	ug/kg dry	
Aldrin	309-00-2	5.23	<5.23	ug/kg dry	
alpha-BHC	319-84-6	5.23	<5.23	ug/kg dry	
beta-BHC	319-85-7	5.23	<5.23	ug/kg dry	
Chlordane	12789-03-6	15.7	<15.7	ug/kg dry	
cis-Chlordane	5103-71-9	5.23	<5.23	ug/kg dry	
delta-BHC	319-86-8	5.23	<5.23	ug/kg dry	
Dieldrin	60-57-1	5.23	<5.23	ug/kg dry	
Endosulfan I	959-98-8	5.23	<5.23	ug/kg dry	
Endosulfan II	33213-65-9	5.23	<5.23	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.23	<5.23	ug/kg dry	
Endrin	72-20-8	5.23	<5.23	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.23	<5.23	ug/kg dry	
Endrin Ketone	53494-70-5	5.23	<5.23	ug/kg dry	
gamma-BHC	58-89-9	5.23	<5.23	ug/kg dry	
Heptachlor	76-44-8	5.23	<5.23	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.23	<5.23	ug/kg dry	
Methoxychlor	72-43-5	5.23	<5.23	ug/kg dry	
Mirex	2385-85-5	5.23	<5.23	ug/kg dry	
Toxaphene	8001-35-2	105	<105	ug/kg dry	
trans-Chlordane	5103-74-2	5.23	<5.23	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.5	<10.5	ug/kg dry	
Aroclor-1221	11104-28-2	10.5	<10.5	ug/kg dry	
Aroclor-1232	11141-16-5	10.5	<10.5	ug/kg dry	
Aroclor-1242	53469-21-9	10.5	<10.5	ug/kg dry	
Aroclor-1248	12672-29-6	10.5	<10.5	ug/kg dry	
Aroclor-1254	11097-69-1	10.5	<10.5	ug/kg dry	
Aroclor-1260	11096-82-5	10.5	<10.5	ug/kg dry	
Aroclor-1262	37324-23-5	10.5	<10.5	ug/kg dry	
Aroclor-1268	11100-14-4	10.5	<10.5	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	82	43.5-123	
Tetrachloro-m-xylene	877-09-8	110	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	116	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 10:35	Sample ID: Comp - 04 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-04 % Solid:95.53
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.94	2.56	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.94	18.1	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.94	<1.94	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.94	<1.94	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.94	8.65	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.94	7.09	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.94	14.3	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.94	146	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.94	5.84	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.94	<1.94	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.94	<1.94	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.94	20.6	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.500	<0.500	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	156	<156	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	156	<156	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	156	<156	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	156	<156	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	156	<156	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	93.8	<93.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	93.8	<93.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	156	<156	ug/kg dry	
2,4-Dimethylphenol	105-67-9	156	<156	ug/kg dry	
2,4-Dinitrophenol	51-28-5	156	<156	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	156	<156	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	156	<156	ug/kg dry	
2-Chloronaphthalene	91-58-7	156	<156	ug/kg dry	
2-Chlorophenol	95-57-8	156	<156	ug/kg dry	
2-Methylnaphthalene	91-57-6	156	<156	ug/kg dry	
2-Methylphenol	95-48-7	156	<156	ug/kg dry	4.K
2-Nitroaniline	88-74-4	156	<156	ug/kg dry	
2-Nitrophenol	88-75-5	156	<156	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	156	<156	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	156	<156	ug/kg dry	
3-Nitroaniline	99-09-2	156	<156	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	156	<156	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	156	<156	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	156	<156	ug/kg dry	
4-Chloroaniline	106-47-8	156	<156	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	156	<156	ug/kg dry	
4-Nitroaniline	100-01-6	156	<156	ug/kg dry	
4-Nitrophenol	100-02-7	156	<156	ug/kg dry	4.K
Acenaphthene	83-32-9	156	<156	ug/kg dry	
Acenaphthylene	208-96-8	156	<156	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	156	<156	ug/kg dry	
Anthracene	120-12-7	156	<156	ug/kg dry	
Benzidine	92-87-5	156	<156	ug/kg dry	
Benzo(a)anthracene	56-55-3	156	<156	ug/kg dry	
Benzo(a)pyrene	50-32-8	156	<156	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	156	<156	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	156	<156	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	156	<156	ug/kg dry	
Benzoic Acid	65-85-0	156	<156	ug/kg dry	4.K
Benzyl alcohol	100-51-6	156	<156	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	156	<156	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	156	<156	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	156	<156	ug/kg dry	
Butyl benzyl phthalate	85-68-7	156	<156	ug/kg dry	4.K
Carbazole	86-74-8	156	<156	ug/kg dry	
Chrysene	218-01-9	156	<156	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	156	<156	ug/kg dry	
Dibenzofuran	132-64-9	156	<156	ug/kg dry	
Diethyl phthalate	84-66-2	156	<156	ug/kg dry	
Dimethyl phthalate	131-11-3	156	<156	ug/kg dry	
Di-n-butyl phthalate	84-74-2	156	<156	ug/kg dry	
Di-n-octyl phthalate	117-84-0	156	<156	ug/kg dry	4.K
Fluoranthene	206-44-0	156	<156	ug/kg dry	
Fluorene	86-73-7	156	<156	ug/kg dry	
Hexachlorobenzene	118-74-1	156	<156	ug/kg dry	
Hexachlorobutadiene	87-68-3	156	<156	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	156	<156	ug/kg dry	
Hexachloroethane	67-72-1	156	<156	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	156	<156	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	156	<156	ug/kg dry	
Naphthalene	91-20-3	156	<156	ug/kg dry	
Nitrobenzene	98-95-3	156	<156	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	156	<156	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	156	<156	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	156	<156	ug/kg dry	
Parathion (ethyl)	56-38-2	156	<156	ug/kg dry	4.K
Pentachlorophenol	87-86-5	156	<156	ug/kg dry	
Phenanthrene	85-01-8	156	<156	ug/kg dry	
Phenol	108-95-2	156	<156	ug/kg dry	
Pyrene	129-00-0	156	<156	ug/kg dry	
Pyridine	110-86-1	156	<156	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	44	18.04-120.2	
2-Fluorobiphenyl	321-60-8	63	34.39-110.73	
2-Fluorophenol	367-12-4	61	22.98-107.57	
Nitrobenzene-d5	4165-60-0	52	31-118.25	
Phenol-d6	13127-88-3	62	35.55-111.39	
Terphenyl-d14	1718-51-0	75	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	87	50-200	
Acenaphthene-d10	15067-26-2	88	50-200	
Chrysene-d12	1719-03-5	80	50-200	
Naphthalene-d8	1146-65-2	89	50-200	
Perylene-d12	1520-96-3	80	50-200	
Phenanthrene-d10	1517-22-2	82	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.13	<3.13	ug/kg dry	
4,4'-DDE	72-55-9	3.13	3.27	ug/kg dry	
4,4'-DDT	50-29-3	3.13	4.88	ug/kg dry	
Aldrin	309-00-2	5.21	<5.21	ug/kg dry	
alpha-BHC	319-84-6	5.21	<5.21	ug/kg dry	
beta-BHC	319-85-7	5.21	<5.21	ug/kg dry	
Chlordane	12789-03-6	15.6	<15.6	ug/kg dry	
cis-Chlordane	5103-71-9	5.21	<5.21	ug/kg dry	
delta-BHC	319-86-8	5.21	<5.21	ug/kg dry	
Dieldrin	60-57-1	5.21	<5.21	ug/kg dry	
Endosulfan I	959-98-8	5.21	<5.21	ug/kg dry	
Endosulfan II	33213-65-9	5.21	<5.21	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.21	<5.21	ug/kg dry	
Endrin	72-20-8	5.21	<5.21	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.21	<5.21	ug/kg dry	
Endrin Ketone	53494-70-5	5.21	<5.21	ug/kg dry	
gamma-BHC	58-89-9	5.21	<5.21	ug/kg dry	
Heptachlor	76-44-8	5.21	<5.21	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.21	<5.21	ug/kg dry	
Methoxychlor	72-43-5	5.21	<5.21	ug/kg dry	
Mirex	2385-85-5	5.21	<5.21	ug/kg dry	
Toxaphene	8001-35-2	104	<104	ug/kg dry	
trans-Chlordane	5103-74-2	5.21	<5.21	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.4	<10.4	ug/kg dry	
Aroclor-1221	11104-28-2	10.4	<10.4	ug/kg dry	
Aroclor-1232	11141-16-5	10.4	<10.4	ug/kg dry	
Aroclor-1242	53469-21-9	10.4	<10.4	ug/kg dry	
Aroclor-1248	12672-29-6	10.4	<10.4	ug/kg dry	
Aroclor-1254	11097-69-1	10.4	<10.4	ug/kg dry	
Aroclor-1260	11096-82-5	10.4	<10.4	ug/kg dry	
Aroclor-1262	37324-23-5	10.4	<10.4	ug/kg dry	
Aroclor-1268	11100-14-4	10.4	<10.4	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	75	43.5-123	
Tetrachloro-m-xylene	877-09-8	106	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	116	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 11:10	Sample ID: Comp - 05 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-05 % Solid:95.91
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.70	2.29	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.70	18.7	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.70	<1.70	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.70	<1.70	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.70	8.80	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.70	6.73	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.70	12.1	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.70	141	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.70	7.47	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.70	<1.70	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.70	<1.70	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.70	20.2	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.505	<0.505	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	158	<158	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	158	<158	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	158	<158	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	158	<158	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	158	<158	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	94.6	<94.6	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	94.6	<94.6	ug/kg dry	
2,4-Dichlorophenol	120-83-2	158	<158	ug/kg dry	
2,4-Dimethylphenol	105-67-9	158	<158	ug/kg dry	
2,4-Dinitrophenol	51-28-5	158	<158	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	158	<158	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	158	<158	ug/kg dry	
2-Chloronaphthalene	91-58-7	158	<158	ug/kg dry	
2-Chlorophenol	95-57-8	158	<158	ug/kg dry	
2-Methylnaphthalene	91-57-6	158	<158	ug/kg dry	
2-Methylphenol	95-48-7	158	<158	ug/kg dry	4.K
2-Nitroaniline	88-74-4	158	<158	ug/kg dry	
2-Nitrophenol	88-75-5	158	<158	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	158	<158	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	158	<158	ug/kg dry	
3-Nitroaniline	99-09-2	158	<158	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	158	<158	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	158	<158	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	158	<158	ug/kg dry	
4-Chloroaniline	106-47-8	158	<158	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	158	<158	ug/kg dry	
4-Nitroaniline	100-01-6	158	<158	ug/kg dry	
4-Nitrophenol	100-02-7	158	<158	ug/kg dry	4.K
Acenaphthene	83-32-9	158	<158	ug/kg dry	
Acenaphthylene	208-96-8	158	<158	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	158	<158	ug/kg dry	
Anthracene	120-12-7	158	<158	ug/kg dry	
Benzidine	92-87-5	158	<158	ug/kg dry	
Benzo(a)anthracene	56-55-3	158	<158	ug/kg dry	
Benzo(a)pyrene	50-32-8	158	<158	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	158	<158	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	158	<158	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	158	<158	ug/kg dry	
Benzoic Acid	65-85-0	158	<158	ug/kg dry	4.K
Benzyl alcohol	100-51-6	158	<158	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	158	<158	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	158	<158	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	158	<158	ug/kg dry	
Butyl benzyl phthalate	85-68-7	158	<158	ug/kg dry	4.K
Carbazole	86-74-8	158	<158	ug/kg dry	
Chrysene	218-01-9	158	<158	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	158	<158	ug/kg dry	
Dibenzofuran	132-64-9	158	<158	ug/kg dry	
Diethyl phthalate	84-66-2	158	<158	ug/kg dry	
Dimethyl phthalate	131-11-3	158	<158	ug/kg dry	
Di-n-butyl phthalate	84-74-2	158	<158	ug/kg dry	
Di-n-octyl phthalate	117-84-0	158	<158	ug/kg dry	4.K
Fluoranthene	206-44-0	158	<158	ug/kg dry	
Fluorene	86-73-7	158	<158	ug/kg dry	
Hexachlorobenzene	118-74-1	158	<158	ug/kg dry	
Hexachlorobutadiene	87-68-3	158	<158	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	158	<158	ug/kg dry	
Hexachloroethane	67-72-1	158	<158	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	158	<158	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	158	<158	ug/kg dry	
Naphthalene	91-20-3	158	<158	ug/kg dry	
Nitrobenzene	98-95-3	158	<158	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	158	<158	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	158	<158	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	158	<158	ug/kg dry	
Parathion (ethyl)	56-38-2	158	<158	ug/kg dry	4.K
Pentachlorophenol	87-86-5	158	<158	ug/kg dry	
Phenanthrene	85-01-8	158	<158	ug/kg dry	
Phenol	108-95-2	158	<158	ug/kg dry	
Pyrene	129-00-0	158	<158	ug/kg dry	
Pyridine	110-86-1	158	<158	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	38	18.04-120.2	
2-Fluorobiphenyl	321-60-8	60	34.39-110.73	
2-Fluorophenol	367-12-4	58	22.98-107.57	
Nitrobenzene-d5	4165-60-0	48	31-118.25	
Phenol-d6	13127-88-3	59	35.55-111.39	
Terphenyl-d14	1718-51-0	72	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	95	50-200	
Acenaphthene-d10	15067-26-2	97	50-200	
Chrysene-d12	1719-03-5	90	50-200	
Naphthalene-d8	1146-65-2	99	50-200	
Perylene-d12	1520-96-3	92	50-200	
Phenanthrene-d10	1517-22-2	92	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.15	<3.15	ug/kg dry	
4,4'-DDE	72-55-9	3.15	4.08	ug/kg dry	
4,4'-DDT	50-29-3	3.15	<3.15	ug/kg dry	
Aldrin	309-00-2	5.25	<5.25	ug/kg dry	
alpha-BHC	319-84-6	5.25	<5.25	ug/kg dry	
beta-BHC	319-85-7	5.25	<5.25	ug/kg dry	
Chlordane	12789-03-6	15.8	<15.8	ug/kg dry	
cis-Chlordane	5103-71-9	5.25	<5.25	ug/kg dry	
delta-BHC	319-86-8	5.25	<5.25	ug/kg dry	
Dieldrin	60-57-1	5.25	<5.25	ug/kg dry	
Endosulfan I	959-98-8	5.25	<5.25	ug/kg dry	
Endosulfan II	33213-65-9	5.25	<5.25	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.25	<5.25	ug/kg dry	
Endrin	72-20-8	5.25	<5.25	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.25	<5.25	ug/kg dry	
Endrin Ketone	53494-70-5	5.25	<5.25	ug/kg dry	
gamma-BHC	58-89-9	5.25	<5.25	ug/kg dry	
Heptachlor	76-44-8	5.25	<5.25	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.25	<5.25	ug/kg dry	
Methoxychlor	72-43-5	5.25	<5.25	ug/kg dry	
Mirex	2385-85-5	5.25	<5.25	ug/kg dry	
Toxaphene	8001-35-2	105	<105	ug/kg dry	
trans-Chlordane	5103-74-2	5.25	<5.25	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.5	<10.5	ug/kg dry	
Aroclor-1221	11104-28-2	10.5	<10.5	ug/kg dry	
Aroclor-1232	11141-16-5	10.5	<10.5	ug/kg dry	
Aroclor-1242	53469-21-9	10.5	<10.5	ug/kg dry	
Aroclor-1248	12672-29-6	10.5	<10.5	ug/kg dry	
Aroclor-1254	11097-69-1	10.5	<10.5	ug/kg dry	
Aroclor-1260	11096-82-5	10.5	<10.5	ug/kg dry	
Aroclor-1262	37324-23-5	10.5	<10.5	ug/kg dry	
Aroclor-1268	11100-14-4	10.5	<10.5	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	84	43.5-123	
Tetrachloro-m-xylene	877-09-8	112	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	120	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:05	Sample ID: Comp - 06 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-06 % Solid:95.17
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.78	2.52	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.78	20.5	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.78	<1.78	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.78	<1.78	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.78	8.71	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.78	6.78	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.78	11.0	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.78	144	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.78	6.16	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.78	<1.78	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.78	<1.78	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.78	20.9	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.502	<0.502	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	157	<157	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	157	<157	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	157	<157	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	157	<157	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	157	<157	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	94.1	<94.1	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	94.1	<94.1	ug/kg dry	
2,4-Dichlorophenol	120-83-2	157	<157	ug/kg dry	
2,4-Dimethylphenol	105-67-9	157	<157	ug/kg dry	
2,4-Dinitrophenol	51-28-5	157	<157	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	157	<157	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	157	<157	ug/kg dry	
2-Chloronaphthalene	91-58-7	157	<157	ug/kg dry	
2-Chlorophenol	95-57-8	157	<157	ug/kg dry	
2-Methylnaphthalene	91-57-6	157	<157	ug/kg dry	
2-Methylphenol	95-48-7	157	<157	ug/kg dry	4.K
2-Nitroaniline	88-74-4	157	<157	ug/kg dry	
2-Nitrophenol	88-75-5	157	<157	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	157	<157	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	157	<157	ug/kg dry	
3-Nitroaniline	99-09-2	157	<157	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	157	<157	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	157	<157	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	157	<157	ug/kg dry	
4-Chloroaniline	106-47-8	157	<157	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	157	<157	ug/kg dry	
4-Nitroaniline	100-01-6	157	<157	ug/kg dry	
4-Nitrophenol	100-02-7	157	<157	ug/kg dry	4.K
Acenaphthene	83-32-9	157	<157	ug/kg dry	
Acenaphthylene	208-96-8	157	<157	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	157	<157	ug/kg dry	
Anthracene	120-12-7	157	<157	ug/kg dry	
Benidine	92-87-5	157	<157	ug/kg dry	
Benzo(a)anthracene	56-55-3	157	<157	ug/kg dry	
Benzo(a)pyrene	50-32-8	157	<157	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	157	<157	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	157	<157	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	157	<157	ug/kg dry	
Benzoic Acid	65-85-0	157	<157	ug/kg dry	4.K
Benzyl alcohol	100-51-6	157	<157	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	157	<157	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	157	<157	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	157	<157	ug/kg dry	
Butyl benzyl phthalate	85-68-7	157	<157	ug/kg dry	4.K
Carbazole	86-74-8	157	<157	ug/kg dry	
Chrysene	218-01-9	157	<157	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	157	<157	ug/kg dry	
Dibenzofuran	132-64-9	157	<157	ug/kg dry	
Diethyl phthalate	84-66-2	157	<157	ug/kg dry	
Dimethyl phthalate	131-11-3	157	<157	ug/kg dry	
Di-n-butyl phthalate	84-74-2	157	<157	ug/kg dry	
Di-n-octyl phthalate	117-84-0	157	<157	ug/kg dry	4.K
Fluoranthene	206-44-0	157	<157	ug/kg dry	
Fluorene	86-73-7	157	<157	ug/kg dry	
Hexachlorobenzene	118-74-1	157	<157	ug/kg dry	
Hexachlorobutadiene	87-68-3	157	<157	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	157	<157	ug/kg dry	
Hexachloroethane	67-72-1	157	<157	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	157	<157	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	157	<157	ug/kg dry	
Naphthalene	91-20-3	157	<157	ug/kg dry	
Nitrobenzene	98-95-3	157	<157	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	157	<157	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	157	<157	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	157	<157	ug/kg dry	
Parathion (ethyl)	56-38-2	157	<157	ug/kg dry	4.K
Pentachlorophenol	87-86-5	157	<157	ug/kg dry	
Phenanthrene	85-01-8	157	<157	ug/kg dry	
Phenol	108-95-2	157	<157	ug/kg dry	
Pyrene	129-00-0	157	<157	ug/kg dry	
Pyridine	110-86-1	157	<157	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	42	18.04-120.2	
2-Fluorobiphenyl	321-60-8	54	34.39-110.73	
2-Fluorophenol	367-12-4	51	22.98-107.57	
Nitrobenzene-d5	4165-60-0	45	31-118.25	
Phenol-d6	13127-88-3	52	35.55-111.39	
Terphenyl-d14	1718-51-0	62	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	90	50-200	
Acenaphthene-d10	15067-26-2	93	50-200	
Chrysene-d12	1719-03-5	85	50-200	
Naphthalene-d8	1146-65-2	94	50-200	
Perylene-d12	1520-96-3	85	50-200	
Phenanthrene-d10	1517-22-2	88	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.14	<3.14	ug/kg dry	
4,4'-DDE	72-55-9	3.14	4.06	ug/kg dry	
4,4'-DDT	50-29-3	3.14	<3.14	ug/kg dry	
Aldrin	309-00-2	5.23	<5.23	ug/kg dry	
alpha-BHC	319-84-6	5.23	<5.23	ug/kg dry	
beta-BHC	319-85-7	5.23	<5.23	ug/kg dry	
Chlordane	12789-03-6	15.7	<15.7	ug/kg dry	
cis-Chlordane	5103-71-9	5.23	<5.23	ug/kg dry	
delta-BHC	319-86-8	5.23	<5.23	ug/kg dry	
Dieldrin	60-57-1	5.23	<5.23	ug/kg dry	
Endosulfan I	959-98-8	5.23	<5.23	ug/kg dry	
Endosulfan II	33213-65-9	5.23	<5.23	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.23	<5.23	ug/kg dry	
Endrin	72-20-8	5.23	<5.23	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.23	<5.23	ug/kg dry	
Endrin Ketone	53494-70-5	5.23	<5.23	ug/kg dry	
gamma-BHC	58-89-9	5.23	<5.23	ug/kg dry	
Heptachlor	76-44-8	5.23	<5.23	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.23	<5.23	ug/kg dry	
Methoxychlor	72-43-5	5.23	<5.23	ug/kg dry	
Mirex	2385-85-5	5.23	<5.23	ug/kg dry	
Toxaphene	8001-35-2	105	<105	ug/kg dry	
trans-Chlordane	5103-74-2	5.23	<5.23	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.5	<10.5	ug/kg dry	
Aroclor-1221	11104-28-2	10.5	<10.5	ug/kg dry	
Aroclor-1232	11141-16-5	10.5	<10.5	ug/kg dry	
Aroclor-1242	53469-21-9	10.5	<10.5	ug/kg dry	
Aroclor-1248	12672-29-6	10.5	<10.5	ug/kg dry	
Aroclor-1254	11097-69-1	10.5	<10.5	ug/kg dry	
Aroclor-1260	11096-82-5	10.5	<10.5	ug/kg dry	
Aroclor-1262	37324-23-5	10.5	<10.5	ug/kg dry	
Aroclor-1268	11100-14-4	10.5	<10.5	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	81	43.5-123	
Tetrachloro-m-xylene	877-09-8	110	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	115	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 12:25	Sample ID: Comp - 07 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-07 % Solid:95.61
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.85	2.27	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.85	17.7	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.85	7.21	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.85	6.00	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.85	10.3	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.85	135	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.85	5.18	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.85	18.7	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.500	<0.500	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	160	<160	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	160	<160	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	160	<160	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	160	<160	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	160	<160	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.8	<95.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.8	<95.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	160	<160	ug/kg dry	
2,4-Dimethylphenol	105-67-9	160	<160	ug/kg dry	
2,4-Dinitrophenol	51-28-5	160	<160	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	160	<160	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	160	<160	ug/kg dry	
2-Chloronaphthalene	91-58-7	160	<160	ug/kg dry	
2-Chlorophenol	95-57-8	160	<160	ug/kg dry	
2-Methylnaphthalene	91-57-6	160	<160	ug/kg dry	
2-Methylphenol	95-48-7	160	<160	ug/kg dry	4.K
2-Nitroaniline	88-74-4	160	<160	ug/kg dry	
2-Nitrophenol	88-75-5	160	<160	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	160	<160	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	160	<160	ug/kg dry	
3-Nitroaniline	99-09-2	160	<160	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	160	<160	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	160	<160	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	160	<160	ug/kg dry	
4-Chloroaniline	106-47-8	160	<160	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	160	<160	ug/kg dry	
4-Nitroaniline	100-01-6	160	<160	ug/kg dry	
4-Nitrophenol	100-02-7	160	<160	ug/kg dry	4.K
Acenaphthene	83-32-9	160	<160	ug/kg dry	
Acenaphthylene	208-96-8	160	<160	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	160	<160	ug/kg dry	
Anthracene	120-12-7	160	<160	ug/kg dry	
Benzidine	92-87-5	160	<160	ug/kg dry	
Benzo(a)anthracene	56-55-3	160	<160	ug/kg dry	
Benzo(a)pyrene	50-32-8	160	<160	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	160	<160	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	160	<160	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	160	<160	ug/kg dry	
Benzoic Acid	65-85-0	160	<160	ug/kg dry	4.K
Benzyl alcohol	100-51-6	160	<160	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	160	<160	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	160	<160	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	160	<160	ug/kg dry	
Butyl benzyl phthalate	85-68-7	160	<160	ug/kg dry	4.K
Carbazole	86-74-8	160	<160	ug/kg dry	
Chrysene	218-01-9	160	<160	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	160	<160	ug/kg dry	
Dibenzofuran	132-64-9	160	<160	ug/kg dry	
Diethyl phthalate	84-66-2	160	<160	ug/kg dry	
Dimethyl phthalate	131-11-3	160	<160	ug/kg dry	
Di-n-butyl phthalate	84-74-2	160	<160	ug/kg dry	
Di-n-octyl phthalate	117-84-0	160	<160	ug/kg dry	4.K
Fluoranthene	206-44-0	160	<160	ug/kg dry	
Fluorene	86-73-7	160	<160	ug/kg dry	
Hexachlorobenzene	118-74-1	160	<160	ug/kg dry	
Hexachlorobutadiene	87-68-3	160	<160	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	160	<160	ug/kg dry	
Hexachloroethane	67-72-1	160	<160	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	160	<160	ug/kg dry	
Naphthalene	91-20-3	160	<160	ug/kg dry	
Nitrobenzene	98-95-3	160	<160	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	160	<160	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	160	<160	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	160	<160	ug/kg dry	
Parathion (ethyl)	56-38-2	160	<160	ug/kg dry	4.K
Pentachlorophenol	87-86-5	160	<160	ug/kg dry	
Phenanthrene	85-01-8	160	<160	ug/kg dry	
Phenol	108-95-2	160	<160	ug/kg dry	
Pyrene	129-00-0	160	<160	ug/kg dry	
Pyridine	110-86-1	160	<160	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	53	18.04-120.2	
2-Fluorobiphenyl	321-60-8	63	34.39-110.73	
2-Fluorophenol	367-12-4	60	22.98-107.57	
Nitrobenzene-d5	4165-60-0	52	31-118.25	
Phenol-d6	13127-88-3	61	35.55-111.39	
Terphenyl-d14	1718-51-0	73	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	151	50-200	
Acenaphthene-d10	15067-26-2	152	50-200	
Chrysene-d12	1719-03-5	126	50-200	
Naphthalene-d8	1146-65-2	152	50-200	
Perylene-d12	1520-96-3	123	50-200	
Phenanthrene-d10	1517-22-2	138	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.19	<3.19	ug/kg dry	
4,4'-DDE	72-55-9	3.19	4.07	ug/kg dry	
4,4'-DDT	50-29-3	3.19	3.22	ug/kg dry	
Aldrin	309-00-2	5.32	<5.32	ug/kg dry	
alpha-BHC	319-84-6	5.32	<5.32	ug/kg dry	
beta-BHC	319-85-7	5.32	<5.32	ug/kg dry	
Chlordane	12789-03-6	16.0	<16.0	ug/kg dry	
cis-Chlordane	5103-71-9	5.32	<5.32	ug/kg dry	
delta-BHC	319-86-8	5.32	<5.32	ug/kg dry	
Dieldrin	60-57-1	5.32	<5.32	ug/kg dry	
Endosulfan I	959-98-8	5.32	<5.32	ug/kg dry	
Endosulfan II	33213-65-9	5.32	<5.32	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.32	<5.32	ug/kg dry	
Endrin	72-20-8	5.32	<5.32	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.32	<5.32	ug/kg dry	
Endrin Ketone	53494-70-5	5.32	<5.32	ug/kg dry	
gamma-BHC	58-89-9	5.32	<5.32	ug/kg dry	
Heptachlor	76-44-8	5.32	<5.32	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.32	<5.32	ug/kg dry	
Methoxychlor	72-43-5	5.32	<5.32	ug/kg dry	
Mirex	2385-85-5	5.32	<5.32	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.32	5.67	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	80	43.5-123	
Tetrachloro-m-xylene	877-09-8	110	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	116	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:30	Sample ID: Comp - 08 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-08 % Solid:93.90
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.68	2.26	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.68	19.1	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.68	7.68	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.68	6.79	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.68	12.7	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.68	152	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.68	6.26	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.68	<1.68	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.68	20.5	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.505	<0.505	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	159	<159	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	159	<159	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	159	<159	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	159	<159	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	159	<159	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.2	<95.2	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.2	<95.2	ug/kg dry	
2,4-Dichlorophenol	120-83-2	159	<159	ug/kg dry	
2,4-Dimethylphenol	105-67-9	159	<159	ug/kg dry	
2,4-Dinitrophenol	51-28-5	159	<159	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	159	<159	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	159	<159	ug/kg dry	
2-Chloronaphthalene	91-58-7	159	<159	ug/kg dry	
2-Chlorophenol	95-57-8	159	<159	ug/kg dry	
2-Methylnaphthalene	91-57-6	159	<159	ug/kg dry	
2-Methylphenol	95-48-7	159	<159	ug/kg dry	4.K
2-Nitroaniline	88-74-4	159	<159	ug/kg dry	
2-Nitrophenol	88-75-5	159	<159	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	159	<159	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	159	<159	ug/kg dry	
3-Nitroaniline	99-09-2	159	<159	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	159	<159	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	159	<159	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	159	<159	ug/kg dry	
4-Chloroaniline	106-47-8	159	<159	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	159	<159	ug/kg dry	
4-Nitroaniline	100-01-6	159	<159	ug/kg dry	
4-Nitrophenol	100-02-7	159	<159	ug/kg dry	4.K
Acenaphthene	83-32-9	159	<159	ug/kg dry	
Acenaphthylene	208-96-8	159	<159	ug/kg dry	



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	159	<159	ug/kg dry	
Anthracene	120-12-7	159	<159	ug/kg dry	
Benidine	92-87-5	159	<159	ug/kg dry	
Benzo(a)anthracene	56-55-3	159	<159	ug/kg dry	
Benzo(a)pyrene	50-32-8	159	<159	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	159	<159	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	159	<159	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	159	<159	ug/kg dry	
Benzoic Acid	65-85-0	159	<159	ug/kg dry	4.K
Benzyl alcohol	100-51-6	159	<159	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	159	<159	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	159	<159	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	159	<159	ug/kg dry	
Butyl benzyl phthalate	85-68-7	159	<159	ug/kg dry	4.K
Carbazole	86-74-8	159	<159	ug/kg dry	
Chrysene	218-01-9	159	<159	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	159	<159	ug/kg dry	
Dibenzofuran	132-64-9	159	<159	ug/kg dry	
Diethyl phthalate	84-66-2	159	<159	ug/kg dry	
Dimethyl phthalate	131-11-3	159	<159	ug/kg dry	
Di-n-butyl phthalate	84-74-2	159	<159	ug/kg dry	
Di-n-octyl phthalate	117-84-0	159	<159	ug/kg dry	4.K
Fluoranthene	206-44-0	159	<159	ug/kg dry	
Fluorene	86-73-7	159	<159	ug/kg dry	
Hexachlorobenzene	118-74-1	159	<159	ug/kg dry	
Hexachlorobutadiene	87-68-3	159	<159	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	159	<159	ug/kg dry	
Hexachloroethane	67-72-1	159	<159	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	159	<159	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	159	<159	ug/kg dry	
Naphthalene	91-20-3	159	<159	ug/kg dry	
Nitrobenzene	98-95-3	159	<159	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	159	<159	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	159	<159	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	159	<159	ug/kg dry	
Parathion (ethyl)	56-38-2	159	<159	ug/kg dry	4.K
Pentachlorophenol	87-86-5	159	<159	ug/kg dry	
Phenanthrene	85-01-8	159	<159	ug/kg dry	
Phenol	108-95-2	159	<159	ug/kg dry	
Pyrene	129-00-0	159	<159	ug/kg dry	
Pyridine	110-86-1	159	<159	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	33	18.04-120.2	
2-Fluorobiphenyl	321-60-8	53	34.39-110.73	
2-Fluorophenol	367-12-4	51	22.98-107.57	
Nitrobenzene-d5	4165-60-0	45	31-118.25	
Phenol-d6	13127-88-3	52	35.55-111.39	
Terphenyl-d14	1718-51-0	58	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	142	50-200	
Acenaphthene-d10	15067-26-2	140	50-200	
Chrysene-d12	1719-03-5	129	50-200	
Naphthalene-d8	1146-65-2	145	50-200	
Perylene-d12	1520-96-3	127	50-200	
Phenanthrene-d10	1517-22-2	134	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.17	<3.17	ug/kg dry	
4,4'-DDE	72-55-9	3.17	4.51	ug/kg dry	
4,4'-DDT	50-29-3	3.17	<3.17	ug/kg dry	
Aldrin	309-00-2	5.29	<5.29	ug/kg dry	
alpha-BHC	319-84-6	5.29	<5.29	ug/kg dry	
beta-BHC	319-85-7	5.29	<5.29	ug/kg dry	
Chlordane	12789-03-6	15.9	<15.9	ug/kg dry	
cis-Chlordane	5103-71-9	5.29	<5.29	ug/kg dry	
delta-BHC	319-86-8	5.29	<5.29	ug/kg dry	
Dieldrin	60-57-1	5.29	<5.29	ug/kg dry	
Endosulfan I	959-98-8	5.29	<5.29	ug/kg dry	
Endosulfan II	33213-65-9	5.29	<5.29	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.29	<5.29	ug/kg dry	
Endrin	72-20-8	5.29	<5.29	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.29	<5.29	ug/kg dry	
Endrin Ketone	53494-70-5	5.29	<5.29	ug/kg dry	
gamma-BHC	58-89-9	5.29	<5.29	ug/kg dry	
Heptachlor	76-44-8	5.29	<5.29	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.29	<5.29	ug/kg dry	
Methoxychlor	72-43-5	5.29	<5.29	ug/kg dry	
Mirex	2385-85-5	5.29	<5.29	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.29	<5.29	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	78	43.5-123	
Tetrachloro-m-xylene	877-09-8	105	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	108	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 13:45	Sample ID: Comp - 09 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-09 % Solid:94.50
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	2.01	3.09	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	2.01	21.9	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	2.01	<2.01	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	2.01	<2.01	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	2.01	8.48	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	2.01	7.50	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	2.01	17.2	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	2.01	171	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	2.01	5.85	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	2.01	<2.01	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	2.01	<2.01	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	2.01	21.8	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.500	<0.500	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	160	<160	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	160	<160	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	160	<160	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	160	<160	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	160	<160	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.9	<95.9	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.9	<95.9	ug/kg dry	
2,4-Dichlorophenol	120-83-2	160	<160	ug/kg dry	
2,4-Dimethylphenol	105-67-9	160	<160	ug/kg dry	
2,4-Dinitrophenol	51-28-5	160	<160	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	160	<160	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	160	<160	ug/kg dry	
2-Chloronaphthalene	91-58-7	160	<160	ug/kg dry	
2-Chlorophenol	95-57-8	160	<160	ug/kg dry	
2-Methylnaphthalene	91-57-6	160	<160	ug/kg dry	
2-Methylphenol	95-48-7	160	<160	ug/kg dry	4.K
2-Nitroaniline	88-74-4	160	<160	ug/kg dry	
2-Nitrophenol	88-75-5	160	<160	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	160	<160	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	160	<160	ug/kg dry	
3-Nitroaniline	99-09-2	160	<160	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	160	<160	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	160	<160	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	160	<160	ug/kg dry	
4-Chloroaniline	106-47-8	160	<160	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	160	<160	ug/kg dry	
4-Nitroaniline	100-01-6	160	<160	ug/kg dry	
4-Nitrophenol	100-02-7	160	<160	ug/kg dry	4.K
Acenaphthene	83-32-9	160	<160	ug/kg dry	
Acenaphthylene	208-96-8	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	160	<160	ug/kg dry	
Anthracene	120-12-7	160	<160	ug/kg dry	
Benzidine	92-87-5	160	<160	ug/kg dry	
Benzo(a)anthracene	56-55-3	160	<160	ug/kg dry	
Benzo(a)pyrene	50-32-8	160	<160	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	160	<160	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	160	<160	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	160	<160	ug/kg dry	
Benzoic Acid	65-85-0	160	<160	ug/kg dry	4.K
Benzyl alcohol	100-51-6	160	<160	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	160	<160	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	160	<160	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	160	<160	ug/kg dry	
Butyl benzyl phthalate	85-68-7	160	<160	ug/kg dry	4.K
Carbazole	86-74-8	160	<160	ug/kg dry	
Chrysene	218-01-9	160	<160	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	160	<160	ug/kg dry	
Dibenzofuran	132-64-9	160	<160	ug/kg dry	
Diethyl phthalate	84-66-2	160	<160	ug/kg dry	
Dimethyl phthalate	131-11-3	160	<160	ug/kg dry	
Di-n-butyl phthalate	84-74-2	160	<160	ug/kg dry	
Di-n-octyl phthalate	117-84-0	160	<160	ug/kg dry	4.K
Fluoranthene	206-44-0	160	<160	ug/kg dry	
Fluorene	86-73-7	160	<160	ug/kg dry	
Hexachlorobenzene	118-74-1	160	<160	ug/kg dry	
Hexachlorobutadiene	87-68-3	160	<160	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	160	<160	ug/kg dry	
Hexachloroethane	67-72-1	160	<160	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	160	<160	ug/kg dry	
Naphthalene	91-20-3	160	<160	ug/kg dry	
Nitrobenzene	98-95-3	160	<160	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	160	<160	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	160	<160	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	160	<160	ug/kg dry	
Parathion (ethyl)	56-38-2	160	<160	ug/kg dry	4.K
Pentachlorophenol	87-86-5	160	<160	ug/kg dry	
Phenanthrene	85-01-8	160	<160	ug/kg dry	
Phenol	108-95-2	160	<160	ug/kg dry	
Pyrene	129-00-0	160	<160	ug/kg dry	
Pyridine	110-86-1	160	<160	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	35	18.04-120.2	
2-Fluorobiphenyl	321-60-8	62	34.39-110.73	
2-Fluorophenol	367-12-4	60	22.98-107.57	
Nitrobenzene-d5	4165-60-0	54	31-118.25	
Phenol-d6	13127-88-3	59	35.55-111.39	
Terphenyl-d14	1718-51-0	68	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	192	50-200	
Acenaphthene-d10	15067-26-2	183	50-200	
Chrysene-d12	1719-03-5	141	50-200	
Naphthalene-d8	1146-65-2	189	50-200	
Perylene-d12	1520-96-3	134	50-200	
Phenanthrene-d10	1517-22-2	163	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.20	<3.20	ug/kg dry	
4,4'-DDE	72-55-9	3.20	<3.20	ug/kg dry	
4,4'-DDT	50-29-3	3.20	<3.20	ug/kg dry	
Aldrin	309-00-2	5.33	<5.33	ug/kg dry	
alpha-BHC	319-84-6	5.33	<5.33	ug/kg dry	
beta-BHC	319-85-7	5.33	<5.33	ug/kg dry	
Chlordane	12789-03-6	16.0	<16.0	ug/kg dry	
cis-Chlordane	5103-71-9	5.33	<5.33	ug/kg dry	
delta-BHC	319-86-8	5.33	<5.33	ug/kg dry	
Dieldrin	60-57-1	5.33	<5.33	ug/kg dry	
Endosulfan I	959-98-8	5.33	<5.33	ug/kg dry	
Endosulfan II	33213-65-9	5.33	<5.33	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.33	<5.33	ug/kg dry	
Endrin	72-20-8	5.33	<5.33	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.33	<5.33	ug/kg dry	
Endrin Ketone	53494-70-5	5.33	<5.33	ug/kg dry	
gamma-BHC	58-89-9	5.33	<5.33	ug/kg dry	
Heptachlor	76-44-8	5.33	<5.33	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.33	<5.33	ug/kg dry	
Methoxychlor	72-43-5	5.33	<5.33	ug/kg dry	
Mirex	2385-85-5	5.33	<5.33	ug/kg dry	
Toxaphene	8001-35-2	107	<107	ug/kg dry	
trans-Chlordane	5103-74-2	5.33	<5.33	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.7	<10.7	ug/kg dry	
Aroclor-1221	11104-28-2	10.7	<10.7	ug/kg dry	
Aroclor-1232	11141-16-5	10.7	<10.7	ug/kg dry	
Aroclor-1242	53469-21-9	10.7	<10.7	ug/kg dry	
Aroclor-1248	12672-29-6	10.7	<10.7	ug/kg dry	
Aroclor-1254	11097-69-1	10.7	<10.7	ug/kg dry	
Aroclor-1260	11096-82-5	10.7	<10.7	ug/kg dry	
Aroclor-1262	37324-23-5	10.7	<10.7	ug/kg dry	
Aroclor-1268	11100-14-4	10.7	<10.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	70	43.5-123	
Tetrachloro-m-xylene	877-09-8	94	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	121	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:30	Sample ID: Comp - 10 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-10 % Solid:93.88
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.72	2.09	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.72	19.0	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.72	<1.72	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.72	<1.72	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.72	7.08	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.72	6.21	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.72	10.7	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.72	157	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.72	4.92	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.72	<1.72	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.72	<1.72	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.72	20.1	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.511	<0.511	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	159	<159	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	159	<159	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	159	<159	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	159	<159	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	159	<159	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.3	<95.3	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.3	<95.3	ug/kg dry	
2,4-Dichlorophenol	120-83-2	159	<159	ug/kg dry	
2,4-Dimethylphenol	105-67-9	159	<159	ug/kg dry	
2,4-Dinitrophenol	51-28-5	159	<159	ug/kg dry	4.N
2,4-Dinitrotoluene	121-14-2	159	<159	ug/kg dry	4.N
2,6-Dinitrotoluene	606-20-2	159	<159	ug/kg dry	
2-Chloronaphthalene	91-58-7	159	<159	ug/kg dry	
2-Chlorophenol	95-57-8	159	<159	ug/kg dry	
2-Methylnaphthalene	91-57-6	159	<159	ug/kg dry	
2-Methylphenol	95-48-7	159	<159	ug/kg dry	4.K
2-Nitroaniline	88-74-4	159	<159	ug/kg dry	
2-Nitrophenol	88-75-5	159	<159	ug/kg dry	4.N
3,3'-Dichlorobenzidine	91-94-1	159	<159	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	159	<159	ug/kg dry	
3-Nitroaniline	99-09-2	159	<159	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	159	<159	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	159	<159	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	159	<159	ug/kg dry	
4-Chloroaniline	106-47-8	159	<159	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	159	<159	ug/kg dry	
4-Nitroaniline	100-01-6	159	<159	ug/kg dry	
4-Nitrophenol	100-02-7	159	<159	ug/kg dry	4.K
Acenaphthene	83-32-9	159	<159	ug/kg dry	
Acenaphthylene	208-96-8	159	<159	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	159	<159	ug/kg dry	
Anthracene	120-12-7	159	<159	ug/kg dry	
Benidine	92-87-5	159	<159	ug/kg dry	
Benzo(a)anthracene	56-55-3	159	<159	ug/kg dry	
Benzo(a)pyrene	50-32-8	159	<159	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	159	<159	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	159	<159	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	159	<159	ug/kg dry	
Benzoic Acid	65-85-0	159	<159	ug/kg dry	4.K
Benzyl alcohol	100-51-6	159	<159	ug/kg dry	4.J, 4.N
bis(2-Chloroethoxy)methane	111-91-1	159	<159	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	159	<159	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	159	<159	ug/kg dry	
Butyl benzyl phthalate	85-68-7	159	<159	ug/kg dry	4.K
Carbazole	86-74-8	159	<159	ug/kg dry	
Chrysene	218-01-9	159	<159	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	159	<159	ug/kg dry	
Dibenzofuran	132-64-9	159	<159	ug/kg dry	
Diethyl phthalate	84-66-2	159	<159	ug/kg dry	
Dimethyl phthalate	131-11-3	159	<159	ug/kg dry	
Di-n-butyl phthalate	84-74-2	159	<159	ug/kg dry	
Di-n-octyl phthalate	117-84-0	159	<159	ug/kg dry	4.K
Fluoranthene	206-44-0	159	<159	ug/kg dry	
Fluorene	86-73-7	159	<159	ug/kg dry	
Hexachlorobenzene	118-74-1	159	<159	ug/kg dry	
Hexachlorobutadiene	87-68-3	159	<159	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	159	<159	ug/kg dry	
Hexachloroethane	67-72-1	159	<159	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	159	<159	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	159	<159	ug/kg dry	
Naphthalene	91-20-3	159	<159	ug/kg dry	
Nitrobenzene	98-95-3	159	<159	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	159	<159	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	159	<159	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	159	<159	ug/kg dry	
Parathion (ethyl)	56-38-2	159	<159	ug/kg dry	4.K
Pentachlorophenol	87-86-5	159	<159	ug/kg dry	
Phenanthrene	85-01-8	159	<159	ug/kg dry	
Phenol	108-95-2	159	<159	ug/kg dry	
Pyrene	129-00-0	159	<159	ug/kg dry	
Pyridine	110-86-1	159	<159	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	15	18.04-120.2	4.D
2-Fluorobiphenyl	321-60-8	25	34.39-110.73	4.D
2-Fluorophenol	367-12-4	23	22.98-107.57	
Nitrobenzene-d5	4165-60-0	20	31-118.25	4.D
Phenol-d6	13127-88-3	22	35.55-111.39	4.D
Terphenyl-d14	1718-51-0	27	41.02-106	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	174	50-200	
Acenaphthene-d10	15067-26-2	175	50-200	
Chrysene-d12	1719-03-5	134	50-200	
Naphthalene-d8	1146-65-2	179	50-200	
Perylene-d12	1520-96-3	130	50-200	
Phenanthrene-d10	1517-22-2	155	50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.18	<3.18	ug/kg dry	
4,4'-DDE	72-55-9	3.18	<3.18	ug/kg dry	
4,4'-DDT	50-29-3	3.18	<3.18	ug/kg dry	
Aldrin	309-00-2	5.29	<5.29	ug/kg dry	
alpha-BHC	319-84-6	5.29	<5.29	ug/kg dry	
beta-BHC	319-85-7	5.29	<5.29	ug/kg dry	
Chlordane	12789-03-6	15.9	<15.9	ug/kg dry	
cis-Chlordane	5103-71-9	5.29	<5.29	ug/kg dry	
delta-BHC	319-86-8	5.29	<5.29	ug/kg dry	
Dieldrin	60-57-1	5.29	<5.29	ug/kg dry	
Endosulfan I	959-98-8	5.29	<5.29	ug/kg dry	
Endosulfan II	33213-65-9	5.29	<5.29	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.29	<5.29	ug/kg dry	
Endrin	72-20-8	5.29	<5.29	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.29	<5.29	ug/kg dry	
Endrin Ketone	53494-70-5	5.29	<5.29	ug/kg dry	
gamma-BHC	58-89-9	5.29	<5.29	ug/kg dry	
Heptachlor	76-44-8	5.29	<5.29	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.29	<5.29	ug/kg dry	
Methoxychlor	72-43-5	5.29	<5.29	ug/kg dry	
Mirex	2385-85-5	5.29	<5.29	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.29	<5.29	ug/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8081 B



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	79	43.5-123	
Tetrachloro-m-xylene	877-09-8	109	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	110	50-200	

Date Prepared: 05/25/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP 395 - Fill
Date (Time) Collected: 05/19/2017 14:45	Sample ID: Comp - 11 05192017
Date (Time) Received: 05/20/2017 13:14	Laboratory ID: 7052014-11 % Solid:94.43
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.67	2.39	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.63	18.0	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.67	<1.67	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.65	<1.65	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.67	8.28	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.67	8.44	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.67	9.97	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.67	122	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.67	6.15	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.67	<1.67	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.67	<1.67	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.67	18.5	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.500	<0.500	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	0.25	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Data Qualifiers Key Reference:

- 4.D Surrogate recovery has failed low.
- 4.E Surrogate recovery has failed high.
- 4.G Spike recovery out of range due to matrix interference.
- 4.H Batch spike recovery out of range due to matrix inconsistency.
- 4.J Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
- 4.K Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
- 4.N LCS recovery was below QC acceptance limit.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



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Pg 1 of 1

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS Tott 410 Walden Env. Eng. 10 Spring Street Oyster Bay, NY 11771				CONTACT: Kristin Scarope PHONE: (516) 624-7200 EMAIL: kscarope@walden-associates.com		SAMPLER (SIGNATURE) <i>Madeline Tierney</i>		SAMPLE(S) SEALED (YES/NO)		7052014		N	
PROJECT LOCATION: HEMP395-Fill				SAMPLER NAME (PRINT) Madeline Tierney		CORRECT CONTAINER(S) (YES/NO)							
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms				SAMPLES RECEIVED AT 2.0 °C		ANALYSIS REQUIRED SYDGS (B270) PCBs PCBs PCBs							
LABORATORY ID #	MATRIX	TYPE	PH	RES CHLORINE	PRES	DATE	TIME	SAMPLE # LOCATION	TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT	COMMENTS / INSTRUCTIONS	RECEIVED BY (SIGNATURE)	DATE TIME	PRINTED NAME
1. 7052013-01	S	C			1	5/19/2017	0840	COMP-01 05192017	☒	trial EDD to kscarope@walden-associates.com	<i>Julie</i>	5/19/17 2:50	Jan Ahen
2. -02	S	C			1	5/19/2017	0845	COMP-02 05192017	☒				
3. -03	S	C			1	5/19/2017	0850	COMP-03 05192017	☒				
4. -04	S	C			1	5/19/2017	1035	COMP-04 05192017	☒				
5. -05	S	C			1	5/19/2017	1110	COMP-05 05192017	☒				
6. -06	S	C			1	5/19/2017	1205	COMP-06 05192017	☒				
7. -07	S	C			1	5/19/2017	1225	COMP-07 05192017	☒				
8. -08	S	C			1	5/19/2017	1330	COMP-08 05192017	☒				
9. -09	S	C			1	5/19/2017	1345	COMP-09 05192017	☒				
10. -10	S	C			1	5/19/2017	1430	COMP-10 05192017	☒				
11. -11	S	C			1	5/19/2017	1445	COMP-11 05192017	☒				
12.													
13.													
14.													

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIFE;

PC=PAINT CHIPS; BM= BULK MATERIAL; O=OIL; WW=WASTE WATER

TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON

PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

RELINQUISHED BY (SIGNATURE) <i>Madeline Tierney</i>	DATE 5/19/17	PRINTED NAME Madeline Tierney	RECEIVED BY (SIGNATURE) <i>Julie</i>	DATE 5/19/17	PRINTED NAME Jan Ahen
RELINQUISHED BY (SIGNATURE) <i>Julie</i>	DATE 5/19/17	PRINTED NAME Jan Ahen	RECEIVED BY (SIGNATURE) <i>Mike D. Verardi</i>	DATE 5-20-17	PRINTED NAME Mike D. Verardi

NYSDOH ELAP# 11693

WHITE - OFFICE / CANARY - CLIENT

USEPA# NY01273

CTDOH# PH-0284

NJDEP# NY012

PADEP# 68-2943

**LONG
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ANALYTICAL
LABORATORIES INC.****"TOMORROWS ANALYTICAL SOLUTIONS TODAY"**Laboratory ReportNYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 7052207

June 01, 2017

Town Of Hempstead (Walden Assoc.)
Kristin Scroope
16 Spring Street
Oyster Bay, NY 11771

Re: HEMP395-Fill

Dear Kristin Scroope,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on May 22, 2017. Long Island Analytical laboratories analyzed the samples on May 31, 2017 for the following:

SAMPLE ID	ANALYSIS
COMP-12 05222017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
COMP-13 05222017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals
COMP-14 05222017	EPA 8081 B, EPA 8082 A, EPA 8270 D, NYC Part 375 Metals

Samples received at 0.5 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.**Michael Veraldi - Laboratory Director**

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	160	<160	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	160	<160	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	160	<160	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	160	<160	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	160	<160	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.8	<95.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.8	<95.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	160	<160	ug/kg dry	
2,4-Dimethylphenol	105-67-9	160	<160	ug/kg dry	
2,4-Dinitrophenol	51-28-5	160	<160	ug/kg dry	4.K
2,4-Dinitrotoluene	121-14-2	160	<160	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	160	<160	ug/kg dry	
2-Chloronaphthalene	91-58-7	160	<160	ug/kg dry	
2-Chlorophenol	95-57-8	160	<160	ug/kg dry	
2-Methylnaphthalene	91-57-6	160	<160	ug/kg dry	
2-Methylphenol	95-48-7	160	<160	ug/kg dry	4.K
2-Nitroaniline	88-74-4	160	<160	ug/kg dry	
2-Nitrophenol	88-75-5	160	<160	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	160	<160	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	160	<160	ug/kg dry	
3-Nitroaniline	99-09-2	160	<160	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	160	<160	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	160	<160	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	160	<160	ug/kg dry	
4-Chloroaniline	106-47-8	160	<160	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	160	<160	ug/kg dry	
4-Nitroaniline	100-01-6	160	<160	ug/kg dry	
4-Nitrophenol	100-02-7	160	<160	ug/kg dry	4.K
Acenaphthene	83-32-9	160	<160	ug/kg dry	
Acenaphthylene	208-96-8	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	160	<160	ug/kg dry	
Anthracene	120-12-7	160	<160	ug/kg dry	
Benzidine	92-87-5	160	<160	ug/kg dry	
Benzo(a)anthracene	56-55-3	160	<160	ug/kg dry	
Benzo(a)pyrene	50-32-8	160	<160	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	160	<160	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	160	<160	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	160	<160	ug/kg dry	
Benzoic Acid	65-85-0	160	<160	ug/kg dry	4.K
Benzyl alcohol	100-51-6	160	<160	ug/kg dry	4.K
bis(2-Chloroethoxy)methane	111-91-1	160	<160	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	160	<160	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	160	644	ug/kg dry	
Butyl benzyl phthalate	85-68-7	160	<160	ug/kg dry	4.K
Carbazole	86-74-8	160	<160	ug/kg dry	
Chrysene	218-01-9	160	<160	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	160	<160	ug/kg dry	
Dibenzofuran	132-64-9	160	<160	ug/kg dry	
Diethyl phthalate	84-66-2	160	<160	ug/kg dry	
Dimethyl phthalate	131-11-3	160	<160	ug/kg dry	
Di-n-butyl phthalate	84-74-2	160	<160	ug/kg dry	
Di-n-octyl phthalate	117-84-0	160	<160	ug/kg dry	4.K
Fluoranthene	206-44-0	160	<160	ug/kg dry	
Fluorene	86-73-7	160	<160	ug/kg dry	
Hexachlorobenzene	118-74-1	160	<160	ug/kg dry	
Hexachlorobutadiene	87-68-3	160	<160	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	160	<160	ug/kg dry	
Hexachloroethane	67-72-1	160	<160	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	160	<160	ug/kg dry	
Naphthalene	91-20-3	160	<160	ug/kg dry	
Nitrobenzene	98-95-3	160	<160	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	160	<160	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	160	<160	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	160	<160	ug/kg dry	
Parathion (ethyl)	56-38-2	160	<160	ug/kg dry	4.K
Pentachlorophenol	87-86-5	160	<160	ug/kg dry	
Phenanthrene	85-01-8	160	<160	ug/kg dry	
Phenol	108-95-2	160	<160	ug/kg dry	
Pyrene	129-00-0	160	<160	ug/kg dry	
Pyridine	110-86-1	160	<160	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	35	18.04-120.2	
2-Fluorobiphenyl	321-60-8	49	34.39-110.73	
2-Fluorophenol	367-12-4	48	22.98-107.57	
Nitrobenzene-d5	4165-60-0	46	31-118.25	
Phenol-d6	13127-88-3	48	35.55-111.39	
Terphenyl-d14	1718-51-0	52	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1		50-200	
Acenaphthene-d10	15067-26-2		50-200	
Chrysene-d12	1719-03-5		50-200	
Naphthalene-d8	1146-65-2		50-200	
Perylene-d12	1520-96-3		50-200	
Phenanthrene-d10	1517-22-2		50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.19	<3.19	ug/kg dry	
4,4'-DDE	72-55-9	3.19	6.11	ug/kg dry	
4,4'-DDT	50-29-3	3.19	5.81	ug/kg dry	
Aldrin	309-00-2	5.32	<5.32	ug/kg dry	
alpha-BHC	319-84-6	5.32	<5.32	ug/kg dry	
beta-BHC	319-85-7	5.32	<5.32	ug/kg dry	
Chlordane	12789-03-6	16.0	<16.0	ug/kg dry	
cis-Chlordane	5103-71-9	5.32	<5.32	ug/kg dry	
delta-BHC	319-86-8	5.32	<5.32	ug/kg dry	
Dieldrin	60-57-1	5.32	<5.32	ug/kg dry	
Endosulfan I	959-98-8	5.32	<5.32	ug/kg dry	
Endosulfan II	33213-65-9	5.32	<5.32	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.32	<5.32	ug/kg dry	
Endrin	72-20-8	5.32	<5.32	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.32	<5.32	ug/kg dry	
Endrin Ketone	53494-70-5	5.32	<5.32	ug/kg dry	
gamma-BHC	58-89-9	5.32	<5.32	ug/kg dry	
Heptachlor	76-44-8	5.32	<5.32	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.32	<5.32	ug/kg dry	
Methoxychlor	72-43-5	5.32	<5.32	ug/kg dry	
Mirex	2385-85-5	5.32	<5.32	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.32	<5.32	ug/kg dry	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/24/2017

Analytical Method: EPA 8081 B



**LONG
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"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	62	43.5-123	
Tetrachloro-m-xylene	877-09-8	86	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6		50-200	

Date Prepared: 05/23/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8082 A



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:48	Sample ID: COMP-12 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-01 % Solid:93.92
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.85	2.87	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.85	21.9	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.85	8.82	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.85	8.23	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.85	18.8	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.85	156	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.85	6.64	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.85	<1.85	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.85	25.7	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.514	<0.514	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.03	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	160	<160	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	160	<160	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	160	<160	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	160	<160	ug/kg dry	
2,2'-Oxybis(1-Chloropropane)	108-60-1	160	<160	ug/kg dry	
2,4,5-Trichlorophenol	95-95-4	95.8	<95.8	ug/kg dry	
2,4,6-Trichlorophenol	88-06-2	95.8	<95.8	ug/kg dry	
2,4-Dichlorophenol	120-83-2	160	<160	ug/kg dry	
2,4-Dimethylphenol	105-67-9	160	<160	ug/kg dry	
2,4-Dinitrophenol	51-28-5	160	<160	ug/kg dry	4.K
2,4-Dinitrotoluene	121-14-2	160	<160	ug/kg dry	
2,6-Dinitrotoluene	606-20-2	160	<160	ug/kg dry	
2-Chloronaphthalene	91-58-7	160	<160	ug/kg dry	
2-Chlorophenol	95-57-8	160	<160	ug/kg dry	
2-Methylnaphthalene	91-57-6	160	<160	ug/kg dry	
2-Methylphenol	95-48-7	160	<160	ug/kg dry	4.K
2-Nitroaniline	88-74-4	160	<160	ug/kg dry	
2-Nitrophenol	88-75-5	160	<160	ug/kg dry	
3,3'-Dichlorobenzidine	91-94-1	160	<160	ug/kg dry	4.K
3/4-Methylphenol	108-39-4/106-44-5	160	<160	ug/kg dry	
3-Nitroaniline	99-09-2	160	<160	ug/kg dry	
4,6-Dinitro-2-methylphenol	534-52-1	160	<160	ug/kg dry	
4-Bromophenyl phenyl ether	101-55-3	160	<160	ug/kg dry	
4-Chloro-3-methylphenol	59-50-7	160	<160	ug/kg dry	
4-Chloroaniline	106-47-8	160	<160	ug/kg dry	
4-Chlorophenyl phenyl ether	7005-72-3	160	<160	ug/kg dry	
4-Nitroaniline	100-01-6	160	<160	ug/kg dry	
4-Nitrophenol	100-02-7	160	<160	ug/kg dry	4.K
Acenaphthene	83-32-9	160	<160	ug/kg dry	
Acenaphthylene	208-96-8	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	160	<160	ug/kg dry	
Anthracene	120-12-7	160	<160	ug/kg dry	
Benzidine	92-87-5	160	<160	ug/kg dry	
Benzo(a)anthracene	56-55-3	160	<160	ug/kg dry	
Benzo(a)pyrene	50-32-8	160	<160	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	160	203	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	160	<160	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	160	<160	ug/kg dry	
Benzoic Acid	65-85-0	160	<160	ug/kg dry	4.K
Benzyl alcohol	100-51-6	160	<160	ug/kg dry	4.K
bis(2-Chloroethoxy)methane	111-91-1	160	<160	ug/kg dry	
Bis(2-Chloroethyl)ether	111-44-4	160	<160	ug/kg dry	
Bis(2-Ethylhexyl)phthalate	117-81-7	160	<160	ug/kg dry	
Butyl benzyl phthalate	85-68-7	160	<160	ug/kg dry	4.K
Carbazole	86-74-8	160	<160	ug/kg dry	
Chrysene	218-01-9	160	<160	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	160	<160	ug/kg dry	
Dibenzofuran	132-64-9	160	<160	ug/kg dry	
Diethyl phthalate	84-66-2	160	<160	ug/kg dry	
Dimethyl phthalate	131-11-3	160	<160	ug/kg dry	
Di-n-butyl phthalate	84-74-2	160	<160	ug/kg dry	
Di-n-octyl phthalate	117-84-0	160	<160	ug/kg dry	4.K
Fluoranthene	206-44-0	160	397	ug/kg dry	
Fluorene	86-73-7	160	<160	ug/kg dry	
Hexachlorobenzene	118-74-1	160	<160	ug/kg dry	
Hexachlorobutadiene	87-68-3	160	<160	ug/kg dry	
Hexachlorocyclopentadiene	77-47-4	160	<160	ug/kg dry	
Hexachloroethane	67-72-1	160	<160	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	160	<160	ug/kg dry	

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	160	<160	ug/kg dry	
Naphthalene	91-20-3	160	<160	ug/kg dry	
Nitrobenzene	98-95-3	160	<160	ug/kg dry	
N-Nitrosodimethylamine	62-75-9	160	<160	ug/kg dry	
N-Nitroso-di-n-propylamine	621-64-7	160	<160	ug/kg dry	
N-Nitrosodiphenylamine	86-30-6	160	<160	ug/kg dry	
Parathion (ethyl)	56-38-2	160	<160	ug/kg dry	4.K
Pentachlorophenol	87-86-5	160	<160	ug/kg dry	
Phenanthrene	85-01-8	160	333	ug/kg dry	
Phenol	108-95-2	160	<160	ug/kg dry	
Pyrene	129-00-0	160	294	ug/kg dry	
Pyridine	110-86-1	160	<160	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	29	18.04-120.2	
2-Fluorobiphenyl	321-60-8	54	34.39-110.73	
2-Fluorophenol	367-12-4	50	22.98-107.57	
Nitrobenzene-d5	4165-60-0	49	31-118.25	
Phenol-d6	13127-88-3	52	35.55-111.39	
Terphenyl-d14	1718-51-0	60	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1		50-200	
Acenaphthene-d10	15067-26-2		50-200	
Chrysene-d12	1719-03-5		50-200	
Naphthalene-d8	1146-65-2		50-200	
Perylene-d12	1520-96-3		50-200	
Phenanthrene-d10	1517-22-2		50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/26/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.19	3.56	ug/kg dry	
4,4'-DDE	72-55-9	3.19	7.24	ug/kg dry	
4,4'-DDT	50-29-3	3.19	7.90	ug/kg dry	
Aldrin	309-00-2	5.32	<5.32	ug/kg dry	
alpha-BHC	319-84-6	5.32	<5.32	ug/kg dry	
beta-BHC	319-85-7	5.32	<5.32	ug/kg dry	
Chlordane	12789-03-6	16.0	<16.0	ug/kg dry	
cis-Chlordane	5103-71-9	5.32	<5.32	ug/kg dry	
delta-BHC	319-86-8	5.32	<5.32	ug/kg dry	
Dieldrin	60-57-1	5.32	<5.32	ug/kg dry	
Endosulfan I	959-98-8	5.32	<5.32	ug/kg dry	
Endosulfan II	33213-65-9	5.32	<5.32	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.32	<5.32	ug/kg dry	
Endrin	72-20-8	5.32	<5.32	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.32	<5.32	ug/kg dry	
Endrin Ketone	53494-70-5	5.32	<5.32	ug/kg dry	
gamma-BHC	58-89-9	5.32	<5.32	ug/kg dry	
Heptachlor	76-44-8	5.32	<5.32	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.32	<5.32	ug/kg dry	
Methoxychlor	72-43-5	5.32	<5.32	ug/kg dry	
Mirex	2385-85-5	5.32	<5.32	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.32	<5.32	ug/kg dry	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/24/2017

Analytical Method: EPA 8081 B



**LONG
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"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	74	43.5-123	
Tetrachloro-m-xylene	877-09-8	98	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6		50-200	

Date Prepared: 05/23/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 07:55	Sample ID: COMP-13 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-02 % Solid:93.95
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.75	3.52	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.75	26.1	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.75	<1.75	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.75	<1.75	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.75	8.71	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.75	8.42	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.75	18.4	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.75	153	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.75	6.52	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.75	<1.75	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.75	<1.75	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.75	24.3	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.520	<0.520	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	0.49	mg/kg dry	

Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	317	<317	ug/kg dry	3.A
1,2-Dichlorobenzene	95-50-1	317	<317	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	317	<317	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	317	<317	ug/kg dry	3.A
2,2'-Oxybis(1-Chloropropane)	108-60-1	317	<317	ug/kg dry	3.A
2,4,5-Trichlorophenol	95-95-4	190	<190	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	190	<190	ug/kg dry	3.A, 4.K
2,4-Dichlorophenol	120-83-2	317	<317	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	317	<317	ug/kg dry	3.A, 4.K
2,4-Dinitrophenol	51-28-5	317	<317	ug/kg dry	3.A
2,4-Dinitrotoluene	121-14-2	317	<317	ug/kg dry	3.A, 4.K
2,6-Dinitrotoluene	606-20-2	317	<317	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	317	<317	ug/kg dry	3.A
2-Chlorophenol	95-57-8	317	<317	ug/kg dry	3.A
2-Methylnaphthalene	91-57-6	317	<317	ug/kg dry	3.A
2-Methylphenol	95-48-7	317	<317	ug/kg dry	3.A
2-Nitroaniline	88-74-4	317	<317	ug/kg dry	3.A
2-Nitrophenol	88-75-5	317	<317	ug/kg dry	3.A, 4.K
3,3'-Dichlorobenzidine	91-94-1	317	<317	ug/kg dry	3.A, 4.K
3/4-Methylphenol	108-39-4/106-44-5	317	<317	ug/kg dry	3.A
3-Nitroaniline	99-09-2	317	<317	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	317	<317	ug/kg dry	3.A
4-Bromophenyl phenyl ether	101-55-3	317	<317	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	317	<317	ug/kg dry	3.A, 4.K
4-Chloroaniline	106-47-8	317	<317	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	317	<317	ug/kg dry	3.A
4-Nitroaniline	100-01-6	317	<317	ug/kg dry	3.A
4-Nitrophenol	100-02-7	317	<317	ug/kg dry	3.A, 4.K
Acenaphthene	83-32-9	317	<317	ug/kg dry	3.A
Acenaphthylene	208-96-8	317	<317	ug/kg dry	3.A



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Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	317	<317	ug/kg dry	3.A
Anthracene	120-12-7	317	<317	ug/kg dry	3.A
Benzdine	92-87-5	317	<317	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	317	<317	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	317	<317	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	317	<317	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	317	<317	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	317	<317	ug/kg dry	3.A
Benzoic Acid	65-85-0	317	<317	ug/kg dry	3.A
Benzyl alcohol	100-51-6	317	<317	ug/kg dry	3.A, 4.K
bis(2-Chloroethoxy)methane	111-91-1	317	<317	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	317	<317	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	317	<317	ug/kg dry	3.A, 4.K
Butyl benzyl phthalate	85-68-7	317	<317	ug/kg dry	3.A, 4.K
Carbazole	86-74-8	317	<317	ug/kg dry	3.A
Chrysene	218-01-9	317	<317	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	317	<317	ug/kg dry	3.A
Dibenzofuran	132-64-9	317	<317	ug/kg dry	3.A
Diethyl phthalate	84-66-2	317	<317	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	317	<317	ug/kg dry	3.A
Di-n-butyl phthalate	84-74-2	317	<317	ug/kg dry	3.A
Di-n-octyl phthalate	117-84-0	317	<317	ug/kg dry	3.A, 4.K
Fluoranthene	206-44-0	317	<317	ug/kg dry	3.A
Fluorene	86-73-7	317	<317	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	317	<317	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	317	<317	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	317	<317	ug/kg dry	3.A
Hexachloroethane	67-72-1	317	<317	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	317	<317	ug/kg dry	3.A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	317	<317	ug/kg dry	3.A
Naphthalene	91-20-3	317	<317	ug/kg dry	3.A
Nitrobenzene	98-95-3	317	<317	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	317	<317	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	317	<317	ug/kg dry	3.A
N-Nitrosodiphenylamine	86-30-6	317	<317	ug/kg dry	3.A
Parathion (ethyl)	56-38-2	317	<317	ug/kg dry	3.A, 4.K
Pentachlorophenol	87-86-5	317	<317	ug/kg dry	3.A
Phenanthrene	85-01-8	317	<317	ug/kg dry	3.A
Phenol	108-95-2	317	<317	ug/kg dry	3.A
Pyrene	129-00-0	317	<317	ug/kg dry	3.A
Pyridine	110-86-1	317	<317	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	36	18.04-120.2	3.E, 4.K
2-Fluorobiphenyl	321-60-8	58	34.39-110.73	3.E
2-Fluorophenol	367-12-4	58	22.98-107.57	3.E
Nitrobenzene-d5	4165-60-0	55	31-118.25	3.E
Phenol-d6	13127-88-3	56	35.55-111.39	3.E
Terphenyl-d14	1718-51-0	62	41.02-106	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1		50-200	
Acenaphthene-d10	15067-26-2		50-200	
Chrysene-d12	1719-03-5		50-200	3.A
Naphthalene-d8	1146-65-2		50-200	
Perylene-d12	1520-96-3		50-200	
Phenanthrene-d10	1517-22-2		50-200	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/31/2017

Analytical Method: EPA 8270 D

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	3.17	3.38	ug/kg dry	
4,4'-DDE	72-55-9	3.17	6.02	ug/kg dry	
4,4'-DDT	50-29-3	3.17	4.16	ug/kg dry	
Aldrin	309-00-2	5.28	<5.28	ug/kg dry	
alpha-BHC	319-84-6	5.28	<5.28	ug/kg dry	
beta-BHC	319-85-7	5.28	<5.28	ug/kg dry	
Chlordane	12789-03-6	15.8	<15.8	ug/kg dry	
cis-Chlordane	5103-71-9	5.28	<5.28	ug/kg dry	
delta-BHC	319-86-8	5.28	<5.28	ug/kg dry	
Dieldrin	60-57-1	5.28	<5.28	ug/kg dry	
Endosulfan I	959-98-8	5.28	<5.28	ug/kg dry	
Endosulfan II	33213-65-9	5.28	<5.28	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.28	<5.28	ug/kg dry	
Endrin	72-20-8	5.28	<5.28	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.28	<5.28	ug/kg dry	
Endrin Ketone	53494-70-5	5.28	<5.28	ug/kg dry	
gamma-BHC	58-89-9	5.28	<5.28	ug/kg dry	
Heptachlor	76-44-8	5.28	<5.28	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.28	<5.28	ug/kg dry	
Methoxychlor	72-43-5	5.28	<5.28	ug/kg dry	
Mirex	2385-85-5	5.28	<5.28	ug/kg dry	
Toxaphene	8001-35-2	106	<106	ug/kg dry	
trans-Chlordane	5103-74-2	5.28	<5.28	ug/kg dry	

Date Prepared: 05/24/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/24/2017

Analytical Method: EPA 8081 B

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	10.6	<10.6	ug/kg dry	
Aroclor-1221	11104-28-2	10.6	<10.6	ug/kg dry	
Aroclor-1232	11141-16-5	10.6	<10.6	ug/kg dry	
Aroclor-1242	53469-21-9	10.6	<10.6	ug/kg dry	
Aroclor-1248	12672-29-6	10.6	<10.6	ug/kg dry	
Aroclor-1254	11097-69-1	10.6	<10.6	ug/kg dry	
Aroclor-1260	11096-82-5	10.6	<10.6	ug/kg dry	
Aroclor-1262	37324-23-5	10.6	<10.6	ug/kg dry	
Aroclor-1268	11100-14-4	10.6	<10.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	74	43.5-123	
Tetrachloro-m-xylene	877-09-8	83	72.3-118	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6		50-200	

Date Prepared: 05/23/2017

Preparation Method: EPA 3545 A

Date Analyzed: 05/25/2017

Analytical Method: EPA 8082 A

Client: Town Of Hempstead (Walden Assoc.)	Client ID: HEMP395-Fill
Date (Time) Collected: 05/22/2017 08:25	Sample ID: COMP-14 05222017
Date (Time) Received: 05/22/2017 12:24	Laboratory ID: 7052207-03 % Solid:94.72
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	05/26/2017	EPA 6010 C	1.86	2.83	mg/kg dry	
Barium	05/26/2017	EPA 6010 C	1.86	22.0	mg/kg dry	
Beryllium	05/26/2017	EPA 6010 C	1.86	<1.86	mg/kg dry	
Cadmium	05/26/2017	EPA 6010 C	1.86	<1.86	mg/kg dry	
Chromium	05/26/2017	EPA 6010 C	1.86	9.64	mg/kg dry	
Copper	05/26/2017	EPA 6010 C	1.86	7.47	mg/kg dry	
Lead	05/26/2017	EPA 6010 C	1.86	15.7	mg/kg dry	
Manganese	05/26/2017	EPA 6010 C	1.86	149	mg/kg dry	
Nickel	05/26/2017	EPA 6010 C	1.86	6.11	mg/kg dry	
Selenium	05/26/2017	EPA 6010 C	1.86	<1.86	mg/kg dry	
Silver	05/26/2017	EPA 6010 C	1.86	<1.86	mg/kg dry	
Zinc	05/26/2017	EPA 6010 C	1.86	21.9	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	05/26/2017	EPA 7196 A	0.506	<0.506	mg/kg dry	

Date Prepared: 05/26/2017

Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	05/25/2017	EPA 7471 B	0.02	0.04	mg/kg dry	

Date Prepared: 05/23/2017

Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	05/26/2017	EPA 9014	0.21	<0.21	mg/kg dry	

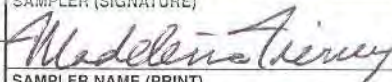
Date Prepared: 05/22/2017

Preparation Method: Distillation Prep

Data Qualifiers Key Reference:

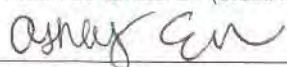
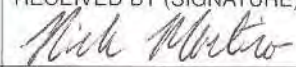
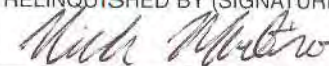
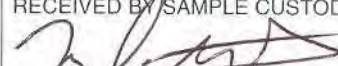
- 3.A Reporting limit raised due to matrix interference.
- 3.E Compound reported at a dilution factor.
- 4.K Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS TCH C/O Walden Env. Eng. 16 Spring Street Oyster Bay, NY 11771	CONTACT: Kristin Scroope PHONE: (516) 624-7200 FAX: (516) 624-3219 EMAIL: kscroope@walden-associates.com	SAMPLER (SIGNATURE)  SAMPLER NAME (PRINT) Madeleine Tiemey	SAMPLE(S) SEALED YES/NO 7052207	CORRECT CONTAINER(S) YES/NO
PROJECT LOCATION: HEMP 395 - Fill		TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms		

LABORATORY ID # For Laboratory Use Only	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS													# OF CONTAINERS
									SLDCS (8270)	Metals (315)	PCBs	Pesticides										
1. 7052207-01	S	C			1	5/22/17	0748	COMP-12 05222017	✓	✓	✓	✓										2
2. -02	S	C			1	5/22/17	0755	COMP-13 05222017	✓	✓	✓	✓										2
3. -03	S	C			1	5/22/17	0825	COMP-14 05222017	✓	✓	✓	✓										2
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON PRES: (1) ICE; (2) HCL; (3) H ₂ SO ₄ ; (4) NAOH; (5) NA ₂ S ₂ O ₃ ; (6) HNO ₃ ; (7) OTHER	TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT BY <u>1</u> / <u>1</u>	COMMENTS / INSTRUCTIONS Email EDD to kscroope@walden-associates.com
--	--	--

RELINQUISHED BY (SIGNATURE) 	DATE 5/22/17 TIME 1223	PRINTED NAME Ashley Erdmann	RECEIVED BY (SIGNATURE) 	DATE 5/22/17 TIME 1224	PRINTED NAME NICK MARTINO
RELINQUISHED BY (SIGNATURE) 	DATE 5/22/17 TIME 1411	PRINTED NAME NICK MARTINO	RECEIVED BY SAMPLE CUSTODIAN 	DATE 5/22/17 TIME 16:42	PRINTED NAME M. Martello