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ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

May 25, 2017

Lawrence Thomas
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th floor
Albany, NY 12233-7015

RE: Site No. 152029 - Spectrum Finishing Corp, 50 Dale Street, West Babylon, 11704 – March 2017 Groundwater Sampling Event

Mr. Thomas:

This letter summarizes the recent activities conducted by Environmental Assessment & Remediations (EAR) at the above referenced site. A summary of actions, findings and supporting graphics are provided in this document. Site activities were conducted in March 2017 in response to directives provided in the New York State Department of Environmental Conservation (NYSDEC) Standby Contractor Authorization Form (Callout ID: 129535). The callout required that a site inspection be performed and groundwater samples be collected from the twenty-one (21) site monitoring wells. A site location map has been included as Figure 1.

Site Inspection

A site inspection was conducted on March 8, 2017. EAR performed an inspection to evaluate monitoring well locations, accessibility and note, if any, depth discrepancies. Based upon visual observations, there is the existing concrete pad at 50 Dale Street with no indication of recent excavation on the property or restricted areas. Weather conditions, plow activities and equipment/material staging in the area have not resulted in any subsurface soil disturbance. Notification of sampling activities was provided to businesses in the vicinity with monitoring wells on their property.

As requested, well casings and manhole conditions were inspected; with no major issues of concern observed.

Groundwater Water Monitoring Tasks

Between March 9-10, 2017, EAR collected groundwater samples from 17 of the 21 monitoring wells requested. Total well depths were consistent with prior well gauging events and no significant discrepancies in depths were reported. MW-03S and MW-03D were not located and an immobilized vehicle was found parked over MW-07S and MW-07D1 limiting access. Monitoring well locations are illustrated in Figure 2.

Prior to sample collection, depth-to-water and total well depths were gauged and recorded. Groundwater samples were collected utilizing an inertia pump and HDPE tubing. A new length of HDPE tubing was utilized at each well. Each monitoring well was purged of at least one standing well volume prior to screening for pH, temperature, and conductivity. A multi-parameter probe with flow through cell was utilized to determine stabilization. Dissolved oxygen concentrations, and Oxidation Reduction Potential (ORP) were recorded as well. Groundwater sampling sheets have been included in Appendix A.

Samples collected for lab analysis were placed into the appropriate sample containers provided by the laboratory and immediately placed in a cooler with ice to maintain a temperature of 4 degrees Celsius. Eighteen water samples were submitted to a NYSDEC standby contracted laboratory (Phoenix Laboratories, Inc.) for analysis of TCL VOCs via EPA Method 8260C and TAL Metals via EPA Methods 6010C/7470A in total. All samples were submitted for standard 30-day turn around with Category A deliverables requested. As part of QA/QC, a blind duplicate was submitted for TCL VOCs analysis via EPA Method 8260C.

Monitor well gauging and field screening results are provided in Table 1. Analytical results are summarized for TCL VOCs in Table 2 and for TAL Metals in Table 3. The results are compared to the TOGS 1.1.1 Class GA water quality standards and guidance values[1]. A historical table with round by round comparison for metals and VOC concentrations is provided as Table 4 and Table 5, respectively. A site location map with posted values for cadmium, total chromium, lead, nickel, tetrachloroethene and trichloroethylene are provided in the Figures 3 through 8.

The EDD files have been submitted to NYENVDATA. Lab reports are included as Appendix B. Quality assurance/quality control (QA/QC) sample summary tables are provided as Appendix C.

[1] NYSDEC Division of Water Technical & Operational Guidance Series 1.1.1 – Ambient Water Quality Standards and Guidance Values, Class GA (groundwater)

Summary of Analytical Results

Analysis of the groundwater samples collected indicate the presence of four (4) VOC analytes; 1,1,1-trichloroethane, chloroform, tetrachloroethene and trichloroethylene. None of the VOC analytes detected were reported in concentrations exceeding their respective TOGS 1.1.1 Class GA water quality standards or guidance value limits. Analytical results for mercury concentrations were reported as being below the lower reporting limit (LRL). Of the TAL Metals analytes detected, most notably, antimony, cadmium and total chromium were reported in concentrations exceeding their respective water quality standards/guidance values. Maximum reported concentrations for metals that are observed in exceedance are listed below:

Parameter	Maximum Observed Concentration	Standard/Guidance Value	Sampling Location
Antimony	0.008 mg/L	0.003 mg/L	MW-04S
Cadmium	0.083 mg/L	0.005 mg/L	MW-06S
Chromium (total)	0.082 mg/L	0.05 mg/L	MW-12D1

Should you have any questions regarding the activities or data detailed in this report, please feel free to contact me at 631.447.6400.ext.159.

Regards,

Pat Benedetto
2017.05.26
12:12:31 -04'00'

Pat Benedetto
Project Manager

Cc:
J. Lawrence (EAR)

TABLES

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

Monitoring Well Gauging and Groundwater Field Screening Results*

Well ID	Date Collected	Historical TWD (ft)	Recorded TWD (ft)	Recorded DTW (ft)	Dissolved Oxygen (mg/L)	Temperature (deg C)	ORP (Oxidation Reduction Potential) (mV)	pH	Conductivity (uS)
MW-1D1	03/10/17	25.0	24.85	21.25	1.74	13.25	276.8	5.57	192
MW-1S	03/10/17	49.6	49.77	21.26	1.70	12.04	408.1	6.09	274
MW-2D	03/09/17	24.1	24.27	21.62	1.75	12.70	312.2	5.81	406
MW-2S	03/09/17	48.6	48.78	21.59	2.24	12.46	279.1	6.08	380
MW-03S[1]	-	23.6	-	-	-	-	-	-	-
MW-03D[1]	-	48.8	-	-	-	-	-	-	-
MW-4D	03/10/17	23.7	23.10	20.46	0.78	13.61	264.4	5.51	312
MW-4S	03/10/17	48.8	48.46	20.49	2.63	12.50	301.1	5.77	275
MW-5D1	03/10/17	50.0	50.25	20.93	1.67	13.27	288.0	5.47	232
MW-6D1	03/09/17	27.0	26.55	20.15	1.15	13.20	316.8	5.53	287
MW-6S	03/09/17	50.0	49.20	20.15	0.97	13.01	262.2	5.92	271
MW-07S	-	28.0	-	-	-	-	-	-	-
MW-07D1	-	50.0	-	-	-	-	-	-	-
MW-9S	03/09/17	27.0	23.60	21.88	2.48	12.52	218.7	5.98	375
MW-11S	03/09/17	25.7	25.85	21.13	1.94	12.16	238.2	6.24	442
MW-12D1	03/09/17	27.0	27.25	21.21	1.24	13.59	216.5	5.59	324
MW-12S	03/09/17	49.5	49.75	21.15	0.88	13.54	270.4	5.97	111
MW-14D1	03/10/17	23.8	24.15	20.75	0.63	13.98	277.9	5.61	317
MW-14S	03/10/17	49.5	49.90	20.88	1.24	13.11	248.5	5.78	310
MW-16D1	03/10/17	-	49.85	14.89	0.99	12.58	313.2	5.99	250
MW-16S	03/10/17	-	89.75	14.78	0.65	13.02	300.1	5.90	232

NOTES:
*-screening performed with a multi-parameter probe utilizing a flow-through cell
[1]-well could not be located/inaccessible
TWD - total well depth
DTW - depth to water
MW-03S&D could not be located.
MW-07S&D1 could not be accessed.

Table 2

Spectrum Finishing

Site #152029

50 Dale Street

West Babylon, NY 11704

Groundwater Analytical Results (ug/L)

TestAmerica, Inc.

EPA Method SW8260C(VOCs)

Location	Date_Collected	1,1,1 Trichloroethane	Chloroform	Tetrachloroethene	Trichloroethylene	Total VOCs
MW-01D1	03/10/17	<1	<1	<1	<1	<116
MW-01S	03/10/17	<1	**1.30**	<1	<1	**1**
MW-02D	03/09/17	<1	<1	<1	<1	<116
MW-02S	03/09/17	<1	<1	**3**	<1	**3**
MW-04D	03/10/17	<1	<1	<1	<1	<116
MW-04S	03/10/17	<1	<1	<1	<1	<116
MW-05D1	03/10/17	<1	<1	<1	<1	<116
MW-06D1	03/09/17	<1	<1	<1	<1	<116
MW-06S	03/09/17	<1	<1	**3.40**	<1	**3**
MW-09S	03/09/17	<1	<1	**2.10**	<1	**2**
MW-11S	03/09/17	<1	<1	**1.10**	<1	**1**
MW-12D1	03/09/17	<1	<1	<1	<1	<116
MW-12S	03/09/17	<1	<1	<1	<1	<116
MW-14D1	03/10/17	<1	<1	<1	<1	<116
MW-14S	03/10/17	<1	<1	<1	<1	<116
MW-16D1	03/10/17	**1.10**	<1	<1	**1.40**	**3**
MW-16S	03/10/17	<1	<1	<1	<1	<116

NYSDEC_TOGS111[a]_ClassGA_Standard	**5**	**7**	**5**	5	n/a
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	n/a	n/a	**n/a**

Note:

[a]NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), June 1998

J - estimated value

n/a - analyzed chemicals with no established values in TOGS 1.1.1

Total VOCs - estimate sum of concentrations above the lower reporting limit

The chemicals listed below were reported below the lower reporting limit(LRL):

1,1 Dichloroethane
1,1 Dichloroethene
1,1 Dichloropropene
1,1,1,2 Tetrachloroethane
1,1,2 Trichloroethane
1,1,2,2 Tetrachloroethane
1,2 Dibromoethane
1,2 Dichlorobenzene
1,2 Dichloroethane
1,2 Dichloropropane
1,2,3 Trichlorobenzene
1,2,3 Trichloropropane
1,2,4 Trichlorobenzene
1,2,4 Trimethylbenzene
1,3 Dichlorobenzene
1,3 Dichloropropane
1,3,5 Trimethylbenzene
1,4 Dichlorobenzene
2 Chlorotoluene
2,2 Dichloropropane
2-Hexanone
4 Chlorotoluene
4-Methyl-2-Pentanone
Acetone
Acrylonitrile
Benzene
Benzene, 1-Methyl-2-(1Methylethyl)-
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
c 1,3 Dichloropropene
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloromethane
cis-1,2-Dichloroethene
Dibromochloromethane
Dibromochloropropane
Dibromomethane
Dichlorodifluoromethane
Ethylbenzene
Freon 113
Hexachlorobutadiene
Isopropylbenzene
m + p Xylene
Methyl Ethyl Ketone
Methylene Chloride
MTBE
n Butylbenzene
n Propylbenzene
Naphthalene
o-Xylene
p Isopropyltoluene
s Butylbenzene
Styrene
t 1,3 Dichloropropene
t Butylbenzene
Tetrahydrofuran
Toluene
Total BTEX
trans-1,2-Dichloroethene
trans-1,4-Dichloro-2-butene
Trichlorofluoromethane
Vinyl Chloride

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Groundwater Analytical Results (mg/L)
TestAmerica, Inc.
EPA Methods SW6010C(Metals), SW7470A(Mercury)

Location	Date	Aluminum	Antimony	Barium	Cadmium	Calcium	Chromium (total)	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium	Vanadium	Zinc
MW-01D1	03/10/17	**0.139**	< 0.005	**0.048**	< 0.001	**11.3**	< 0.001	< 0.005	**0.062**	< 0.002	**2.47**	**0.006**	< 0.001	**2.8**	**18.8**	< 0.002	**0.004**
MW-01S	03/10/17	**0.227**	< 0.005	**0.126**	**0.001**	**57.1**	< 0.001	< 0.005	**0.098**	< 0.002	**6.27**	**0.005**	**0.001**	**12.9**	**25.6**	< 0.002	**0.027**
MW-02D	03/09/17	< 0.010	< 0.005	**0.075**	< 0.001	**18**	< 0.001	< 0.005	**0.03**	< 0.002	**3.87**	**0.009**	< 0.001	**4.1**	**17.7**	< 0.002	< 0.002
MW-02S	03/09/17	**0.232**	< 0.005	**0.043**	< 0.001	**23.9**	**0.002**	**0.006**	**0.211**	**0.006**	**4.86**	**0.017**	< 0.001	**3.5**	**14.2**	< 0.002	**0.002**
MW-04D	03/10/17	**0.134**	< 0.005	**0.055**	< 0.001	**12.3**	**0.009**	**0.011**	**0.128**	< 0.002	**2.94**	**0.009**	**0.001**	**3**	**17.5**	< 0.002	**0.003**
MW-04S	03/10/17	**0.545**	**0.008**	**0.024**	**0.035**	**14.6**	**0.013**	**0.072**	**0.929**	**0.009**	**2.33**	**0.019**	**0.016**	**1**	**7.97**	**0.003**	**0.109**
MW-05D1	03/10/17	< 0.010	< 0.005	**0.072**	**0.001**	**17.9**	**0.005**	< 0.005	**0.019**	< 0.002	**3.37**	**0.011**	< 0.001	**4.1**	**17.6**	< 0.002	< 0.002
MW-06D1	03/09/17	**0.018**	< 0.005	**0.078**	< 0.001	**16.4**	< 0.001	< 0.005	**0.015**	< 0.002	**3.75**	**0.006**	< 0.001	**4.2**	**26.1**	< 0.002	**0.002**
MW-06S	03/09/17	**0.05**	< 0.005	**0.057**	**0.083**	**22.7**	**0.026**	< 0.005	**0.048**	< 0.002	**3.69**	**0.008**	**0.02**	**4.2**	**24.1**	< 0.002	**0.018**
MW-09S	03/09/17	**0.073**	< 0.005	**0.027**	< 0.001	**20.9**	< 0.001	< 0.005	**0.034**	< 0.002	**3.31**	**0.021**	**0.001**	**2.7**	**21.2**	< 0.002	**0.019**
MW-11S	03/09/17	**0.223**	< 0.005	**0.037**	< 0.001	**21.5**	< 0.001	< 0.005	**0.237**	< 0.002	**3.21**	**0.018**	< 0.001	**2.7**	**56**	< 0.002	**0.002**
MW-12D1	03/09/17	**0.06**	< 0.005	**0.059**	**0.012**	**14.8**	**0.082**	**0.021**	**0.065**	< 0.002	**3.07**	**0.011**	**0.015**	**4**	**23.9**	< 0.002	**0.016**
MW-12S	03/09/17	**0.241**	< 0.005	**0.012**	**0.063**	**9.14**	**0.012**	< 0.005	**0.18**	< 0.002	**1.43**	**0.006**	**0.048**	**2.5**	**8.09**	< 0.002	**0.02**
MW-14D1	03/10/17	**0.1**	< 0.005	**0.075**	< 0.001	**14.7**	< 0.001	< 0.005	**0.309**	< 0.002	**2.88**	**0.006**	< 0.001	**4.1**	**21.4**	< 0.002	< 0.002
MW-14S	03/10/17	**0.081**	< 0.005	**0.062**	**0.078**	**28.6**	< 0.001	< 0.005	**0.015**	< 0.002	**4.14**	**0.002**	**0.006**	**5.9**	**18.2**	< 0.002	< 0.002
MW-16D1	03/10/17	**0.436**	< 0.005	**0.041**	< 0.001	**16.8**	**0.001**	< 0.005	**0.34**	< 0.002	**4.33**	**0.009**	< 0.001	**1.9**	**18**	< 0.002	< 0.002
MW-16S	03/10/17	**0.095**	< 0.005	**0.047**	< 0.001	**21.1**	< 0.001	< 0.005	**0.098**	< 0.002	**3.34**	**0.006**	< 0.001	**3.4**	**16.8**	< 0.002	< 0.002

NYSDEC_TOGS111[a]_ClassGA_Standard	n/a	**0.003**	**1**	**0.005**	n/a	**0.05**	**0.2**	**0.3**	**0.025**	n/a	**0.3**	**0.1**	n/a	**20**	n/a	n/a
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	**35**	n/a	n/a	n/a	n/a	n/a	**2**

Note:
[a]NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), June 1998
- indicates concentration in exceedance of standard/guidance value
J - estimated value
n/a - analyzed chemicals with no established values in TOGS 1.1.1

The chemicals listed below were reported below the LRL:
Arsenic
Beryllium
Cobalt
Mercury
Selenium
Silver
Thallium

Spectrum Finishing

Site #152029

50 Dale Street

West Babylon, NY 11704

Historical Summary Table - Metals (results in ug/L)

Location	Depth	Date Collected	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium
MW-01D1	49.6-59.6	09/27/13	**878**	<20	<15	**51.4 J**	<2	<4	**12,400**
MW-01D1	49.6-59.6	11/24/14	**394**	<20	<15	**45.4 J**	<2	<4	**12,400**
MW-01D1	49.6-59.6	02/10/16	<200	<20	<15	**46.70 J**	<2	<4	**11,200**
MW-01D1	49.6-59.6	03/10/17	**139**	<5	<4	**48**	<1	<1	**11,300**
MW-01S	25-35	09/27/13	**5,500**	<20	<15	**24.6 J**	<2	**13.3**	**14,700**
MW-01S	25-35	11/24/14	**1,060**	<20	<15	**20.1 J**	<2	<4	**28,200**
MW-01S	25-35	02/10/16	**74.40 J**	<20	<15	**15.90 J**	<2	<4	**15,500**
MW-01S	25-35	03/10/17	**227**	<5	<4	**126**	<1	**1**	**57,100**
MW-02D	48.6-58.6	09/26/13	**21,200**	<20	**18.4**	**209**	**0.99 J**	**80**	**30,000**
MW-02D	48.6-58.6	11/25/14	**102 J**	<20	<15	**57.1 J**	<2	<4	**13,900**
MW-02D	48.6-58.6	02/09/16	<200	<20	<15	**76.50 J**	<2	<4	**15,500**
MW-02D	48.6-58.6	03/09/17	<10	<5	<4	**75**	<1	<1	**18,000**
MW-02S	24.1-34.1	09/26/13	**1,390**	<20	<15	**64.5 J**	<2	<4	**13,300**
MW-02S	24.1-34.1	11/25/14	<200	<20	<15	**27.4 J**	<2	<4	**18,100**
MW-02S	24.1-34.1	02/09/16	**75.30 J**	<20	<15	**32.20 J**	<2	<4	**19,700**
MW-02S	24.1-34.1	03/09/17	**232**	<5	<4	**43**	<1	<1	**23,900**
MW-03D	38.8-48.8	09/26/13	**237**	<20	<15	**93.9 J**	<2	<4	**14,500**
MW-03D	38.8-48.8	11/25/14	<200	<20	<15	**125 J**	<2	<4	**17,700**
MW-04D	38.8-48.8	09/26/13	**689**	<20	<15	**63.8 J**	<2	**1.9 J**	**13,500**
MW-04D	38.8-48.8	11/25/14	<200	<20	<15	**61.1 J**	<2	**1.2 J**	**13,900**
MW-04D	38.8-48.8	02/09/16	**104 J**	<20	<15	**87.40 J**	<2	<4	**14,600**
MW-04D	38.8-48.8	03/10/17	**134**	<5	<4	**55**	<1	<1	**12,300**
MW-04S	13.7-23.7	09/26/13	**5,980**	<20	**6.4 J**	**134 J**	<2	**166**	**28,000**
MW-04S	13.7-23.7	11/25/14	<200	<20	<15	**19.5 J**	<2	**35.5**	**15,500**
MW-04S	13.7-23.7	02/09/16	**157 J**	<20	<15	**10.20 J**	<2	**31.3**	**9,630**
MW-04S	13.7-23.7	03/10/17	**545**	**8**	<4	**24**	<1	**35**	**14,600**
MW-05D1	40-50	09/26/13	**658**	<20	<15	**61.7 J**	<2	**2.8 J**	**13,800**
MW-05D1	40-50	11/24/14	**125 J**	<20	<15	**58.6 J**	<2	**2.2 J**	**13,600**
MW-05D1	40-50	02/09/16	**146 J**	<20	<15	**110 J**	<2	<4	**22,000**
MW-05D1	40-50	03/10/17	<10	<5	<4	**72**	<1	**1**	**17,900**
MW-06D1	40-50	09/27/13	**385**	<20	<15	**53.2 J**	<2	**1 J**	**13,200**
MW-06D1	40-50	11/24/14	**119 J**	<20	<15	**53.3 J**	<2	<4	**13,300**
MW-06D1	40-50	02/09/16	<200	<20	<15	**64.10 J**	<2	<4	**12,700**
MW-06D1	40-50	03/09/17	**18**	<5	<4	**78**	<1	<1	**16,400**
MW-06S	17-27	09/27/13	**816**	<20	<15	**39 J**	<2	**120**	**13,500**
MW-06S	17-27	11/24/14	<200	<20	<15	**39.3 J**	<2	**123**	**16,300**
MW-06S	17-27	02/09/16	<200	<20	<15	**41.90 J**	<2	**119**	**18,600**
MW-06S	17-27	03/09/17	**50**	<5	<4	**57**	<1	**83**	**22,700**
MW-07D1	50-60	09/27/13	**391**	<20	<15	**38 J**	<2	**3.9 J**	**16,500**
MW-07D1	50-60	11/25/14	<200	<20	<15	**45.6 J**	<2	<4	**18,200**
MW-07D1	50-60	02/10/16	<200	<20	<15	**80.50 J**	<2	<4	**25,200**
MW-07S	48.8-58.8	09/27/13	**952**	<20	<15	**62.6 J**	<2	**1.8 J**	**21,300**
MW-07S	48.8-58.8	02/10/16	**114 J**	<20	<15	**92.30 J**	<2	<4	**20,200**
MW-09S	27-37	09/26/13	**10,900**	<20	**10 J**	**71.9 J**	**0.83 J**	**1.8 J**	**18,100**
MW-09S	27-37	11/24/14	<200	<20	<15	**15.1 J**	<2	<4	**18,500**
MW-09S	27-37	02/10/16	**230**	<20	<15	**39.50 J**	<2	<4	**19,300**
MW-09S	27-37	03/09/17	**73**	<5	<4	**27**	<1	<1	**20,900**
MW-11S	25.7-35.7	09/26/13	**2,070**	<20	<15	**45.3 J**	<2	<4	**19,600**
MW-11S	25.7-35.7	11/24/14	<200	<20	<15	**25.5 J**	<2	<4	**17,300**
MW-11S	25.7-35.7	02/09/16	**1650**	<20	<15	**67.70 J**	<2	<4	**14,100**
MW-11S	25.7-35.7	03/09/17	**223**	<5	<4	**37**	<1	<1	**21,500**
MW-12D1	39.5-49.5	09/27/13	**132 J**	<20	<15	**39.9 J**	<2	**5.7**	**13,700**
MW-12D1	39.5-49.5	11/24/14	<200	<20	<15	**51.1 J**	<2	**9**	**14,200**
MW-12D1	39.5-49.5	02/04/16	**130 J**	<20	<15	**77.10 J**	<2	**13**	**17,700**
MW-12D1	39.5-49.5	03/09/17	**60**	<5	<4	**59**	<1	**12**	**14,800**
MW-12S	17-27	09/27/13	**4,420**	<20	<15	**54.6 J**	<2	**118**	**19,500**
MW-12S	17-27	11/24/14	**1,280**	<20	<15	**46.5 J**	<2	**163**	**19,100**
MW-12S	17-27	02/04/16	**443**	<20	<15	**35.80 J**	<2	**134**	**19,900**
MW-12S	17-27	03/09/17	**241**	<5	<4	**12**	<1	**63**	**9,140**
MW-14D1	39.5-49.5	09/27/13	**759**	<20	<15	**58 J**	<2	<4	**12,400**
MW-14D1	39.5-49.5	11/24/14	<200	<20	<15	**58.5 J**	<2	<4	**14,100**
MW-14D1	39.5-49.5	02/04/16	**78.10 J**	<20	<15	**69.90 J**	<2	<4	**16,400**
MW-14D1	39.5-49.5	03/10/17	**100**	<5	<4	**75**	<1	<1	**14,700**
MW-14S	13.8-23.8	09/27/13	**12,100**	<20	**7.6 J**	**95.4 J**	**0.95 J**	**95.6**	**19,900**
MW-14S	13.8-23.8	11/24/14	<200	<20	<15	**33.1 J**	<2	**38.5**	**20,300**
MW-14S	13.8-23.8	02/04/16	**103 J**	<20	<15	**40.50 J**	<2	**50.4**	**18,600**
MW-14S	13.8-23.8	03/10/17	**81**	<5	<4	**62**	<1	**78**	**28,600**
MW-16D1	90.2-100.2	09/27/13	**482**	<20	<15	**35.5 J**	<2	<4	**12,700**
MW-16D1	90.2-100.2	11/25/14	**139 J**	<20	<15	**40.5 J**	<2	<4	**15,700**
MW-16D1	90.2-100.2	02/09/16	**105 J**	<20	<15	**44.30 J**	<2	<4	**17,100**
MW-16D1	90.2-100.2	03/10/17	**436**	<5	<4	**41**	<1	<1	**16,800**
MW-16S	50.41-60.41	09/27/13	**335**	<20	<15	**50.5 J**	<2	<4	**26,700**
MW-16S	50.41-60.41	11/25/14	**89.3 J**	<20	<15	**44.3 J**	<2	<4	**24,200**
MW-16S	50.41-60.41	02/09/16	<200	<20	<15	**41.90 J**	<2	<4	**21,700**
MW-16S	50.41-60.41	03/10/17	**95**	<5	<4	**47**	<1	<1	**21,100**

NYSDEC_TOGS111[a]_ClassGA_Standard	n/a	**3**	**25**	**1,000**	n/a	**5**	n/a
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	n/a	n/a	**3**	n/a	n/a

Note:

[a]NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), June 1998

EPA Methods: SW6010C (metals)/SW7470A (Mercury)

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

Historical Summary Table - Metals (results in ug/L)

Location	Depth	Date Collected	Chromium (total)	Cobalt	Copper	Cyanide	Iron	Lead	Magnesium	Manganese
MW-01D1	49.6-59.6	09/27/13	<10	<50	**14.8 J**	<0.01	**574**	<10	**2,870 J**	**33.6**
MW-01D1	49.6-59.6	11/24/14	<10	<50	**14.5 J**	n/a	**304**	<10	**2,650 J**	**28**
MW-01D1	49.6-59.6	02/10/16	<10	<50	<25	n/a	<150	<10	**2580 J**	<15
MW-01D1	49.6-59.6	03/10/17	<1	<2	<5	n/a	**62**	<2	**2,470**	**6**
MW-01S	25-35	09/27/13	<10	<50	**67.5**	<0.01	**2,280**	**21.9**	**2,720 J**	**55.5**
MW-01S	25-35	11/24/14	<10	<50	**11.4 J**	n/a	**215**	<10	**4,280 J**	**13.3 J**
MW-01S	25-35	02/10/16	<10	<50	<25	n/a	<150	<150	<10	**1,750 J**
MW-01S	25-35	03/10/17	<1	<2	<5	n/a	**98**	<2	**6,270**	**5**
MW-02D	48.6-58.6	09/26/13	**108**	**13.8 J**	**506**	<0.01	**51,100**	**508**	**7,630**	**1,340**
MW-02D	48.6-58.6	11/25/14	<10	<50	<25	n/a	**386**	<10	**3,050 J**	**36.2**
MW-02D	48.6-58.6	02/09/16	<10	<50	<25	n/a	<150	**65.40 J**	<10	**2,710 J**
MW-02D	48.6-58.6	03/09/17	<1	<2	<5	n/a	**30**	<2	**3,870**	**9**
MW-02S	24.1-34.1	09/26/13	<10	<50	**7.8 J**	<0.01	**4,730**	**5.1 J**	**3,200 J**	**258**
MW-02S	24.1-34.1	11/25/14	<10	<50	**11.8 J**	n/a	**60.3 J**	**5.2 J**	**3,620 J**	**7.5 J**
MW-02S	24.1-34.1	02/09/16	<10	<50	**9.20 J**	n/a	<150	<150	<10	**4,030 J**
MW-02S	24.1-34.1	03/09/17	**2**	<2	**6**	n/a	**211**	**6**	**4,860**	**17**
MW-03D	38.8-48.8	09/26/13	<10	<50	<25	<0.01	**176**	<10	**3,110 J**	**137**
MW-03D	38.8-48.8	11/25/14	<10	<50	<25	n/a	<150	<10	**3,990 J**	**73.7**
MW-04D	38.8-48.8	09/26/13	**25.7**	<50	**61**	**0.06**	**807**	**6.3 J**	**3,380 J**	**31.1**
MW-04D	38.8-48.8	11/25/14	**17.5**	<50	**8.3 J**	n/a	<150	<10	**3,450 J**	**9.5 J**
MW-04D	38.8-48.8	02/09/16	**8.30 J**	<50	**14.60 J**	n/a	<150	**96.10 J**	<10	**3,230 J**
MW-04D	38.8-48.8	03/10/17	**9**	<2	**11**	n/a	**128**	<2	**2,940**	**9**
MW-04S	13.7-23.7	09/26/13	**334**	<50	**683**	<0.01	**9,600**	**88.6**	**5,980**	**146**
MW-04S	13.7-23.7	11/25/14	**16.8**	<50	**19.8 J**	n/a	<150	<10	**2,500 J**	<15
MW-04S	13.7-23.7	02/09/16	**5.20 J**	<50	**40.1**	n/a	<150	**212**	<10	**1,580 J**
MW-04S	13.7-23.7	03/10/17	**13**	<2	**72**	n/a	**929**	**9**	**2,330**	**19**
MW-05D1	40-50	09/26/13	**12.4**	<50	<25	<0.01	**1,010**	<10	**2,940 J**	**266**
MW-05D1	40-50	11/24/14	**8.1 J**	<50	<25	n/a	**181**	<10	**2,810 J**	**70.3**
MW-05D1	40-50	02/09/16	<10	<50	<25	n/a	<150	**134 J**	<10	**4,470 J**
MW-05D1	40-50	03/10/17	**5**	<2	<5	n/a	**19**	<2	**3,370**	**11**
MW-06D1	40-50	09/27/13	**4.1 J**	<50	**8 J**	<0.01	**897**	<10	**3,050 J**	**42.6**
MW-06D1	40-50	11/24/14	<10	<50	<25	n/a	**265**	<10	**2,960 J**	**13.2 J**
MW-06D1	40-50	02/09/16	<10	<50	<25	n/a	<150	<150	<10	**3,150 J**
MW-06D1	40-50	03/09/17	<1	<2	<5	n/a	**15**	<2	**3,750**	**6**
MW-06S	17-27	09/27/13	**40.4**	<50	**10.2 J**	<0.01	**1,240**	<10	**2,600 J**	**21.5**
MW-06S	17-27	11/24/14	**46.8**	<50	**8.4 J**	n/a	**110 J**	<10	**2,900 J**	**4.9 J**
MW-06S	17-27	02/09/16	**19.1**	<50	<25	n/a	<150	<150	<10	**3,230 J**
MW-06S	17-27	03/09/17	**26**	<2	<5	n/a	**48**	<2	**3,690**	**8**
MW-07D1	50-60	09/27/13	**7 J**	<50	**46.4**	<0.01	**1,070**	**4.3 J**	**3,200 J**	**45.8**
MW-07D1	50-60	11/25/14	<10	<50	<25	n/a	**68.2 J**	<10	**3,560 J**	<15
MW-07D1	50-60	02/10/16	**8 J**	<50	**9.30 J**	n/a	<150	<150	<10	**3,370 J**
MW-07S	48.8-58.8	09/27/13	**40.5**	<50	**48.7**	**0.01 J**	**3,260**	**11.7**	**2,250 J**	**73.8**
MW-07S	48.8-58.8	02/10/16	<10	<50	**6.10 J**	n/a	<150	**223**	<10	**3,890 J**
MW-09S	27-37	09/26/13	**14.1**	**39.8 J**	**19.4 J**	<0.01	**13,500**	**9 J**	**4,440 J**	**3,490**
MW-09S	27-37	11/24/14	<10	<50	<25	n/a	<150	<10	**3,150 J**	**42.5**
MW-09S	27-37	02/10/16	<10	<50	<25	n/a	<150	**79.10 J**	<10	**1,970 J**
MW-09S	27-37	03/09/17	<1	<2	<5	n/a	**34**	<2	**3,310**	**21**
MW-11S	25.7-35.7	09/26/13	**4.8 J**	<50	<25	<0.01	**2,820**	<10	**3,450 J**	**203**
MW-11S	25.7-35.7	11/24/14	<10	<50	<25	n/a	**67.8 J**	<10	**2,900 J**	**14.1 J**
MW-11S	25.7-35.7	02/09/16	<10	<50	**36.2**	n/a	<150	**846**	**5.80 J**	**1,850 J**
MW-11S	25.7-35.7	03/09/17	<1	<2	<5	n/a	**237**	<2	**3,210**	**18**
MW-12D1	39.5-49.5	09/27/13	**163**	<50	**9 J**	<0.01	**258**	<10	**2,410 J**	**31.4**
MW-12D1	39.5-49.5	11/24/14	**92.1**	<50	**20.3 J**	n/a	**72.6 J**	<10	**2,770 J**	**15.9**
MW-12D1	39.5-49.5	02/04/16	**82.5**	<50	**26.9**	n/a	<150	**172**	<10	**3,860 J**
MW-12D1	39.5-49.5	03/09/17	**82**	<2	**21**	n/a	**65**	<2	**3,070**	**11**
MW-12S	17-27	09/27/13	**34.2**	**4.4 J**	**13.7 J**	<0.01	**6,090**	<10	**3,730 J**	**126**
MW-12S	17-27	11/24/14	**32.1**	<50	**19.7 J**	n/a	**1,980**	<10	**2,730 J**	**48.7**
MW-12S	17-27	02/04/16	**12.8**	<50	**8.80 J**	n/a	<150	**586**	<10	**2,380 J**
MW-12S	17-27	03/09/17	**12**	<2	<5	n/a	**180**	<2	**1,430**	**6**
MW-14D1	39.5-49.5	09/27/13	<10	<50	<25	<0.01	**1,410**	<10	**2,700 J**	**58.8**
MW-14D1	39.5-49.5	11/24/14	<10	<50	<25	n/a	**203**	<10	**2,640 J**	**15.6**
MW-14D1	39.5-49.5	02/04/16	<10	<50	<25	n/a	<150	**565**	<10	**3,270 J**
MW-14D1	39.5-49.5	03/10/17	<1	<2	<5	n/a	**309**	<2	**2,880**	**6**
MW-14S	13.8-23.8	09/27/13	**26.9**	**10.1 J**	**23.4 J**	<0.01	**17,600**	**13.7**	**4,780 J**	**291**
MW-14S	13.8-23.8	11/24/14	<10	<50	<25	n/a	<150	<10	**2,970 J**	<15
MW-14S	13.8-23.8	02/04/16	<10	<50	<25	n/a	<150	<150	<10	**3,180 J**
MW-14S	13.8-23.8	03/10/17	<1	<2	<5	n/a	**15**	<2	**4,140**	**2**
MW-16D1	90.2-100.2	09/27/13	<10	<50	<25	<0.01	**569**	<10	**3,530 J**	**14 J**
MW-16D1	90.2-100.2	11/25/14	<10	<50	<25	n/a	**233**	**7.1 J**	**4,380 J**	**10 J**
MW-16D1	90.2-100.2	02/09/16	<10	<50	<25	n/a	<150	**180**	<10	**4,630 J**
MW-16D1	90.2-100.2	03/10/17	**1**	<2	<5	n/a	**340**	<2	**4,330**	**9**
MW-16S	50.41-60.41	09/27/13	<10	<50	<25	<0.01	**635**	<10	**3,880 J**	**28.9**
MW-16S	50.41-60.41	11/25/14	<10	<50	<25	n/a	**139 J**	**5 J**	**3,640 J**	**11.3 J**
MW-16S	50.41-60.41	02/09/16	<10	<50	<25	n/a	<150	<150	<10	**3,330 J**
MW-16S	50.41-60.41	03/10/17	<1	<2	<5	n/a	**98**	<2	**3,340**	**6**

NYSDEC_TOGS111[a]_ClassGA_Standard	**50**	n/a	**200**	**0.2**	**300**	**25**	n/a	**300**
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	n/a	n/a	n/a	n/a	**35,000**	n/a

Note:

[a]NYSDEC Division of Water Technical and Operational Guidance Series (1

EPA Methods: SW6010C (metals)/SW7470A (Mercury)

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

Historical Summary Table - Metals (results in ug/L)

Location	Depth	Date Collected	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
MW-01D1	49.6-59.6	09/27/13	<0.2	<40	2,830 J	<20	<10	14,300	<50	25.6 J
MW-01D1	49.6-59.6	11/24/14	<0.2	<40	2,760 J	<20	<10	14,500	<50	16.8 J
MW-01D1	49.6-59.6	02/10/16	<0.2	<40	2,630 J	<20	<10	15,800	<50	<30
MW-01D1	49.6-59.6	03/10/17	<0.2	<1	2,800	<10	<1	18,800	<2	4
MW-01S	25-35	09/27/13	<0.2	5.6 J	2,430 J	<20	<10	9,360	<50	77.6
MW-01S	25-35	11/24/14	<0.2	<40	2,650 J	<20	<10	20,900	<50	21.2 J
MW-01S	25-35	02/10/16	11.20 J	<40	4,060 J	<20	<10	9,500	<50	6 J
MW-01S	25-35	03/10/17	<0.2	1	12,900	<10	<1	25,600	<2	27
MW-02D	48.6-58.6	09/26/13	0.18 J	112	3,580 J	<20	10.1	5,570	37.9 J	982
MW-02D	48.6-58.6	11/25/14	<0.2	<40	3,350 J	<20	<10	18,000	<50	<30
MW-02D	48.6-58.6	02/09/16	20	<40	3,860 J	<20	<10	26,500	<50	<30
MW-02D	48.6-58.6	03/09/17	<0.2	<1	4,100	<10	<1	17,700	<2	<2
MW-02S	24.1-34.1	09/26/13	<0.2	<40	3,230 J	<20	<10	15,900	5 J	9.6 J
MW-02S	24.1-34.1	11/25/14	<0.2	<40	2,090 J	<20	<10	10,700	<50	<30
MW-02S	24.1-34.1	02/09/16	<15	<40	2,470 J	<20	<10	11,500	<50	6.30 J
MW-02S	24.1-34.1	03/09/17	<0.2	<1	3,500	<10	<1	14,200	<2	2
MW-03D	38.8-48.8	09/26/13	<0.2	<40	3,290 J	<20	<10	13,600	<50	<30
MW-03D	38.8-48.8	11/25/14	<0.2	<40	3,660 J	<20	<10	17,400	<50	11.9 J
MW-04D	38.8-48.8	09/26/13	<0.2	3.7 J	2,940 J	<20	<10	16,400	<50	54.7
MW-04D	38.8-48.8	11/25/14	<0.2	<40	2,960 J	<20	<10	16,100	<50	11.2 J
MW-04D	38.8-48.8	02/09/16	8.50 J	<40	3,780 J	<20	<10	33,400	<50	7.80 J
MW-04D	38.8-48.8	03/10/17	<0.2	1	3,000	<10	<1	17,500	<2	3
MW-04S	13.7-23.7	09/26/13	<0.2	70.7	5,020	<20	<10	11,700	16.4 J	484
MW-04S	13.7-23.7	11/25/14	<0.2	16.4 J	1,890 J	<20	<10	4120 J	<50	26.1 J
MW-04S	13.7-23.7	02/09/16	5.80 J	10.80 J	826 J	<20	<10	5,480	<50	24.60 J
MW-04S	13.7-23.7	03/10/17	<0.2	16	1,000	<10	<1	7,970	3	109
MW-05D1	40-50	09/26/13	<0.2	<40	3,390 J	<20	<10	15,700	<50	7.9 J
MW-05D1	40-50	11/24/14	<0.2	<40	3,660 J	<20	<10	17,600	<50	6.5 J
MW-05D1	40-50	02/09/16	34	<40	4,730 J	<20	<10	29,500	<50	<30
MW-05D1	40-50	03/10/17	<0.2	<1	4,100	<10	<1	17,600	<2	<2
MW-06D1	40-50	09/27/13	<0.2	<40	3,080 J	<20	<10	15,300	<50	19.3 J
MW-06D1	40-50	11/24/14	<0.2	<40	3,440 J	<20	<10	18,100	<50	8 J
MW-06D1	40-50	02/09/16	5 J	<40	3,460 J	<20	<10	22,600	<50	<30
MW-06D1	40-50	03/09/17	<0.2	<1	4,200	<10	<1	26,100	<2	2
MW-06S	17-27	09/27/13	<0.2	33.7 J	3,180 J	<20	<10	9,900	<50	22.6 J
MW-06S	17-27	11/24/14	<0.2	24.7 J	3,790 J	<20	<10	15,300	<50	24.4 J
MW-06S	17-27	02/09/16	6 J	26.60 J	3,410 J	<20	<10	15,500	<50	19.20 J
MW-06S	17-27	03/09/17	<0.2	20	4,200	<10	<1	24,100	<2	18
MW-07D1	50-60	09/27/13	<0.2	7.2 J	3,500 J	<20	<10	13,200	5.6 J	107
MW-07D1	50-60	11/25/14	<0.2	<40	2,790 J	<20	<10	13,300	<50	17.3 J
MW-07D1	50-60	02/10/16	36	<40	3,870 J	<20	<10	24,600	<50	<30
MW-07S	48.8-58.8	09/27/13	0.16 J	7.4 J	2,830 J	<20	<10	9,690	4.7 J	34.9
MW-07S	48.8-58.8	02/10/16	27.4	<40	4,520 J	<20	<10	25,200	<50	15.30 J
MW-09S	27-37	09/26/13	<0.2	13.7 J	3,950 J	<20	<10	12,900	15.7 J	116
MW-09S	27-37	11/24/14	<0.2	<40	3,020 J	<20	<10	13,600	<50	8.3 J
MW-09S	27-37	02/10/16	172	<40	3,070 J	<20	<10	18,500	<50	72.2
MW-09S	27-37	03/09/17	<0.2	1	2,700	<10	<1	21,200	<2	19
MW-11S	25.7-35.7	09/26/13	<0.2	<40	3,150 J	<20	<10	9,800	<50	12.3 J
MW-11S	25.7-35.7	11/24/14	<0.2	<40	2,360 J	<20	<10	10,500	<50	<30
MW-11S	25.7-35.7	02/09/16	417	<40	1,900 J	<20	<10	147,000	<50	28 J
MW-11S	25.7-35.7	03/09/17	<0.2	<1	2,700	<10	<1	56,000	<2	2
MW-12D1	39.5-49.5	09/27/13	<0.2	5.4 J	2,990 J	<20	<10	10,500	<50	30.6
MW-12D1	39.5-49.5	11/24/14	<0.2	9.2 J	3,320 J	<20	<10	15,400	<50	13.5 J
MW-12D1	39.5-49.5	02/04/16	16.7	14.90 J	3,990 J	<20	<10	23,600	<50	19.30 J
MW-12D1	39.5-49.5	03/09/17	<0.2	15	4,000	<10	<1	23,900	<2	16
MW-12S	17-27	09/27/13	<0.2	192	3,100 J	<20	<10	13,200	7.4 J	44.2
MW-12S	17-27	11/24/14	<0.2	186	3,930 J	<20	<10	18,300	<50	55.5
MW-12S	17-27	02/04/16	13.10 J	107	3,860 J	<20	<10	16,200	<50	46.6
MW-12S	17-27	03/09/17	<0.2	48	2,500	<10	<1	8,090	<2	20
MW-14D1	39.5-49.5	09/27/13	<0.2	<40	2,890 J	<20	<10	14,000	<50	<30
MW-14D1	39.5-49.5	11/24/14	<0.2	<40	3,410 J	<20	<10	17,000	<50	<30
MW-14D1	39.5-49.5	02/04/16	8.10 J	<40	3,630 J	<20	<10	18,000	<50	<30
MW-14D1	39.5-49.5	03/10/17	<0.2	<1	4,100	<10	<1	21,400	<2	<2
MW-14S	13.8-23.8	09/27/13	<0.2	42.5	4,660 J	<20	<10	8,570	17.9 J	70.3
MW-14S	13.8-23.8	11/24/14	<0.2	<40	3,990 J	<20	<10	15,500	<50	<30
MW-14S	13.8-23.8	02/04/16	<15	<40	5,070	<20	<10	14,700	<50	<30
MW-14S	13.8-23.8	03/10/17	<0.2	6	5,900	<10	<1	18,200	<2	<2
MW-16D1	90.2-100.2	09/27/13	<0.2	<40	2,540 J	<20	<10	16,500	<50	<30
MW-16D1	90.2-100.2	11/25/14	<0.2	<40	1,530 J	<20	<10	15,700	<50	7.4 J
MW-16D1	90.2-100.2	02/09/16	8 J	<40	1,760 J	<20	<10	20,500	<50	<30
MW-16D1	90.2-100.2	03/10/17	<0.2	<1	1,900	<10	<1	18,000	<2	<2
MW-16S	50.41-60.41	09/27/13	<0.2	<40	2,870 J	<20	<10	13,300	<50	15.4 J
MW-16S	50.41-60.41	11/25/14	<0.2	<40	2,630 J	<20	<10	11,700	<50	<30
MW-16S	50.41-60.41	02/09/16	7.40 J	<40	2,930 J	<20	<10	12,800	<50	<30
MW-16S	50.41-60.41	03/10/17	<0.2	<1	3,400	<10	<1	16,800	<2	<2

NYSDEC_TOGS111[a]_ClassGA_Standard	0.7	100	n/a	10	50	20,000	n/a	n/a
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2,000

Note:

[a]NYSDEC Division of Water Technical and Operational Guidance Series (1

EPA Methods: SW6010C (metals)/SW7470A (Mercury)

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

Historical Summary Table - VOCs (ug/L)

Location	Depth	Date Collected	1,1 Dichloroethene	1,1,1 Trichloroethane	Acetone	Bromodichloromethane	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Methylene Chloride	Tetrachloroethene	Toluene	Total BTEX	Trichloroethylene
MW-01D1	49.6-59.6	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-01D1	49.6-59.6	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.24 J**	n/a	n/a	<1
MW-01D1	49.6-59.6	02/10/16	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-01D1	49.6-59.6	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-01S	25-35	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-01S	25-35	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.14 J**	n/a	n/a	<1
MW-01S	25-35	02/10/16	<1	<1	n/a	<1	0.26 J	<1	<1	<1	<1	n/a	n/a	<1
MW-01S	25-35	03/10/17	<1	<1	<25	<0.5	1.30	<1	<0.5	<1	<1	<1	<4.7	<1
MW-02D	48.6-58.6	09/26/13	<0.5	**0.23 J**	<2.5	**0.54**	**6.6**	<0.5	**0.29 J**	<0.5	**1.8**	<0.5	<3	<0.5
MW-02D	48.6-58.6	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.15 J**	n/a	n/a	0.31 J
MW-02D	48.6-58.6	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	**1.2**	n/a	n/a	<1
MW-02D	48.6-58.6	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-02S	24.1-34.1	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.2 J**	<0.5	<3	0.33 J
MW-02S	24.1-34.1	11/25/14	<1	<1	n/a	<1	<1	**0.34 J**	<1	<1	**2.1**	n/a	n/a	<1
MW-02S	24.1-34.1	02/09/16	<1	<1	n/a	<1	<1	<1	<1	**2.1**	**3.6**	n/a	n/a	<1
MW-02S	24.1-34.1	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	3	<1	<4.7	<1
MW-03D	38.8-48.8	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.92**	<0.5	<3	0.31 J
MW-03D	38.8-48.8	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.62 J**	n/a	n/a	0.18 J
MW-04D	38.8-48.8	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	0.37 J
MW-04D	38.8-48.8	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	0.25 J
MW-04D	38.8-48.8	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	0.50 J	n/a	n/a	0.27 J
MW-04D	38.8-48.8	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-04S	13.7-23.7	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<3	0.13 J
MW-04S	13.7-23.7	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.74 J**	n/a	n/a	0.14 J
MW-04S	13.7-23.7	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	0.21 J	n/a	n/a	<1
MW-04S	13.7-23.7	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-05D1	40-50	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.25 J**	<0.5	<3	0.32 J
MW-05D1	40-50	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.42 J**	n/a	n/a	0.26 J
MW-05D1	40-50	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	**3.4**	n/a	n/a	<1
MW-05D1	40-50	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-06D1	40-50	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-06D1	40-50	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	0.4 J
MW-06D1	40-50	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	0.47 J	n/a	n/a	0.32 J
MW-06D1	40-50	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-06S	17-27	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	<3	<0.5
MW-06S	17-27	11/24/14	<1	**0.10 J**	n/a	<1	<1	**0.2 J**	<1	<1	**2**	n/a	n/a	<1
MW-06S	17-27	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	**3.1**	n/a	n/a	0.23 J
MW-06S	17-27	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	3.40	<1	<4.7	<1
MW-07D1	50-60	09/27/13	<0.5	<0.5	**12**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-07D1	50-60	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-07D1	50-60	02/10/16	<1	<1	n/a	<1	<1	0.27 J	<1	<1	2.5	n/a	n/a	<1
MW-07S	48.8-58.8	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-07S	48.8-58.8	02/10/16	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-09S	27-37	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.8**	<0.5	<3	<0.5
MW-09S	27-37	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.66 J**	n/a	n/a	<1
MW-09S	27-37	02/10/16	<1	<1	n/a	<1	<1	<1	<1	<1	3	n/a	n/a	<1
MW-09S	27-37	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	2.10	<1	<4.7	<1
MW-11S	25.7-35.7	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-11S	25.7-35.7	09/26/13	<0.5	<0.5	<2.5	<0.5	<0.5	**1.5**	<0.5	<0.5	**1.2**	<0.5	<3	0.12 J
MW-11S	25.7-35.7	11/24/14	<1	<1	n/a	<1	<1	**3**	<1	<1	**0.81 J**	n/a	n/a	<1
MW-11S	25.7-35.7	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	1.10	<1	<4.7	<1
MW-12D1	39.5-49.5	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.7**	<0.5	<3	<0.5
MW-12D1	39.5-49.5	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	0.14 J
MW-12D1	39.5-49.5	02/04/16	<1	<1	n/a	<1	<1	<1	<1	<1	0.50 J	n/a	n/a	<1
MW-12D1	39.5-49.5	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-12S	17-27	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-12S	17-27	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	**0.77 J**	n/a	n/a	<1
MW-12S	17-27	02/04/16	<1	<1	n/a	<1	<1	<1	<1	<1	1.2	n/a	n/a	<1
MW-12S	17-27	03/09/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

Historical Summary Table - VOCs (ug/L)

Location	Depth	Date Collected	1,1 Dichloroethene	1,1,1 Trichloroethane	Acetone	Bromodichloromethane	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Methylene Chloride	Tetrachloroethene	Toluene	Total BTEX	Trichloroethylene
MW-14D1	39.5-49.5	09/27/13	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<0.5
MW-14D1	39.5-49.5	11/24/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-14D1	39.5-49.5	02/04/16	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	<1
MW-14D1	39.5-49.5	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-14S	13.8-23.8	09/27/13	<0.5	<0.5	<2.5	<0.5	**0.34 J**	**0.26 J**	<0.5	<0.5	**0.88**	<0.5	<3	<0.5
MW-14S	13.8-23.8	11/24/14	<1	**0.16 J**	n/a	<1	**0.16 J**	**0.53 J**	<1	<1	<1	n/a	n/a	<1
MW-14S	13.8-23.8	02/04/16	<1	0.34 J	n/a	<1	<1	<1	<1	<1	0.76 J	n/a	n/a	<1
MW-14S	13.8-23.8	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1
MW-16D1	90.2-100.2	11/25/14	**0.14 J**	**0.68 J**	n/a	<1	**0.14 J**	<1	<1	<1	<1	n/a	n/a	1.4
MW-16D1	90.2-100.2	02/09/16	<1	1.2	n/a	<1	<1	<1	<1	<1	0.27 J	n/a	n/a	1.2
MW-16D1	90.2-100.2	03/10/17	<1	1.10	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	1.40
MW-16D1	90.2-100.2	09/27/13	<1	0.33	<2.5	30	0.43 J	<0.5	30	<1	<0.5	<0.5	<3	1.2
MW-16S	50.41-60.41	09/27/13	<0.5	<0.5	<2.5	<0.5	**0.51**	<0.5	<0.5	<0.5	**0.4 J**	**0.15 J**	**0.15**	1
MW-16S	50.41-60.41	11/25/14	<1	<1	n/a	<1	<1	<1	<1	<1	<1	n/a	n/a	0.24 J
MW-16S	50.41-60.41	02/09/16	<1	<1	n/a	<1	<1	<1	<1	<1	0.70 J	n/a	n/a	<1
MW-16S	50.41-60.41	03/10/17	<1	<1	<25	<0.5	<1	<1	<0.5	<1	<1	<1	<4.7	<1

NYSDEC_TOGS111[a]_ClassGA_Standard	**5**	**5**	n/a	n/a	**7**	**5**	n/a	**5**	**5**	**5**	n/a	**5**
NYSDEC_TOGS111[a]_ClassGA_Guidance	n/a	n/a	**50**	**50**	n/a	n/a	**50**	n/a	n/a	n/a	n/a	n/a

Note:
[a]NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), June 1998
EPA Methods: SW8260C

FIGURES

FIGURE 1

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS
225 Atlantic Avenue
Patchogue, New York 11772
Tel (888) 327-6789
Fax (631) 447-7497
Email: Info@Enviro-Asmnt.com
www.Enviro-Asmnt.com

NOT TO SCALE

Site Location Map

Spectrum Finishing
50 Dale Street
West Babylon, NY 11704

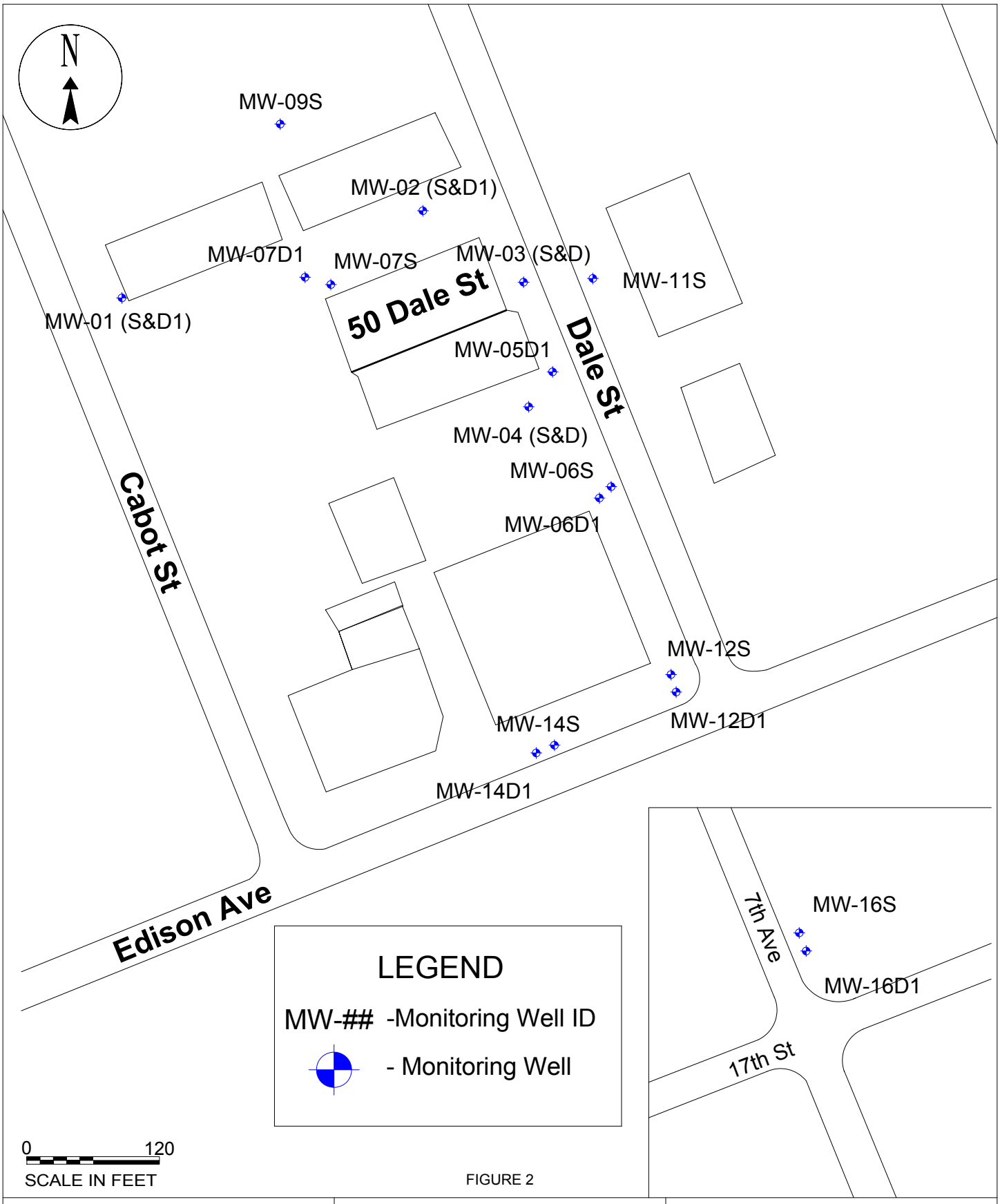


FIGURE 2

225 Atlantic Avenue
Patchogue, New York 11772
Tel (888) 327-6789
Fax (631) 447-6497
Email Info@Enviro-Asmnt.com
WWW.Enviro-Asmnt.com

SITE MAP

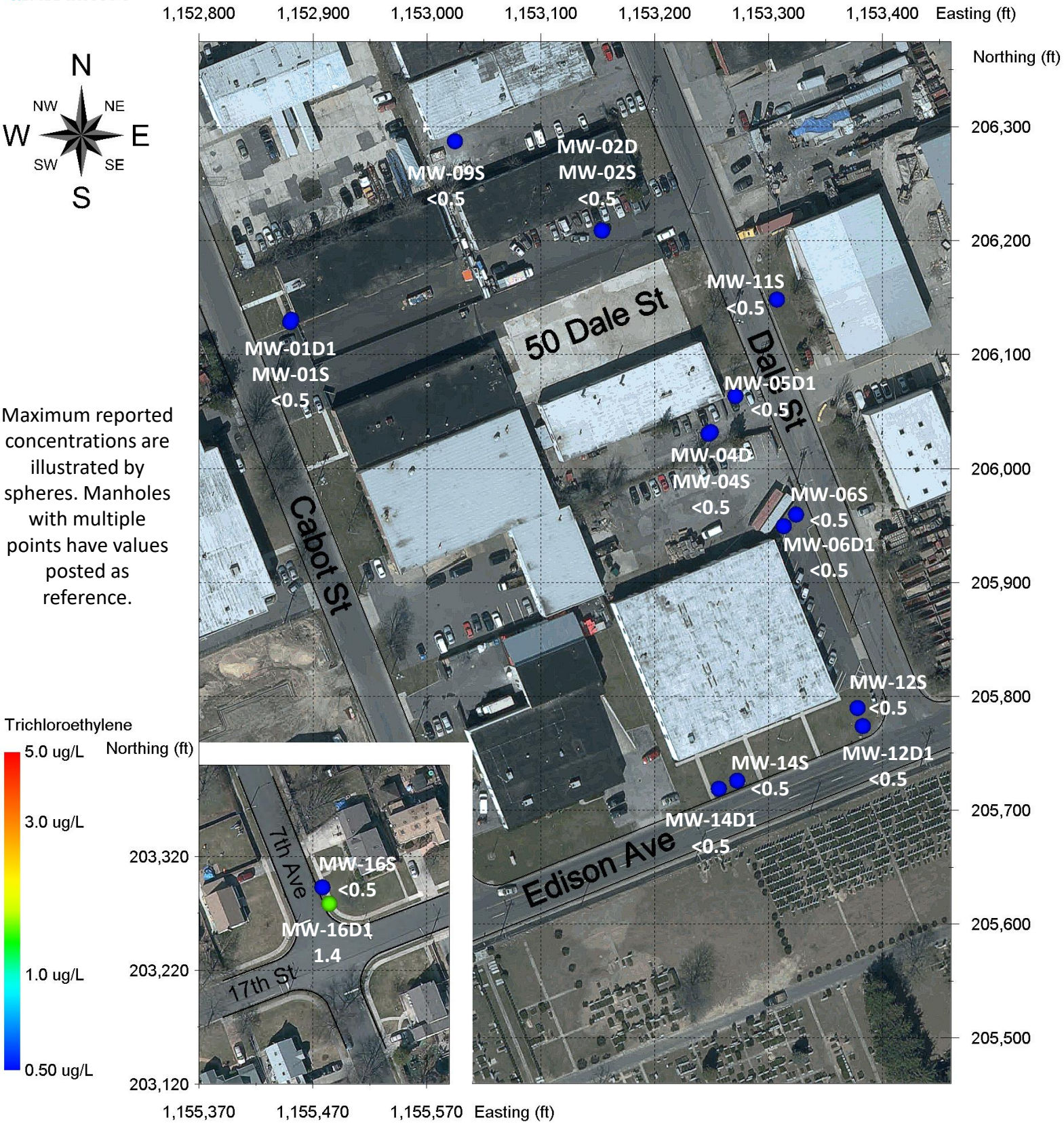
DEC-WESTBABYLON50

SPECTRUM FINISHING
SITE ID - 152029
50 DALE STREET
WEST BABLYON, NY

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 3



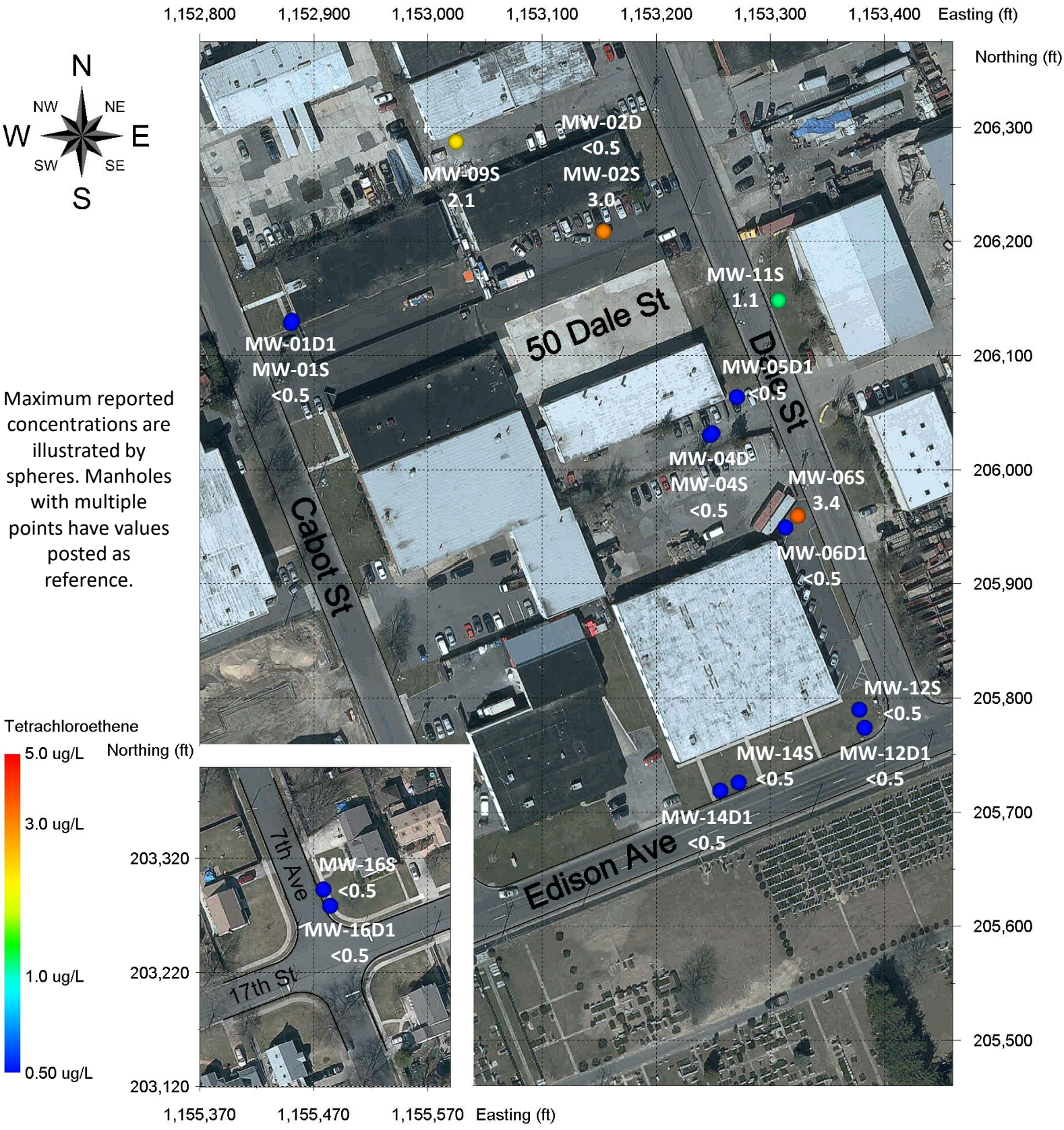
Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

Concentrations reported as <RL are posted as RL values

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 4



Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

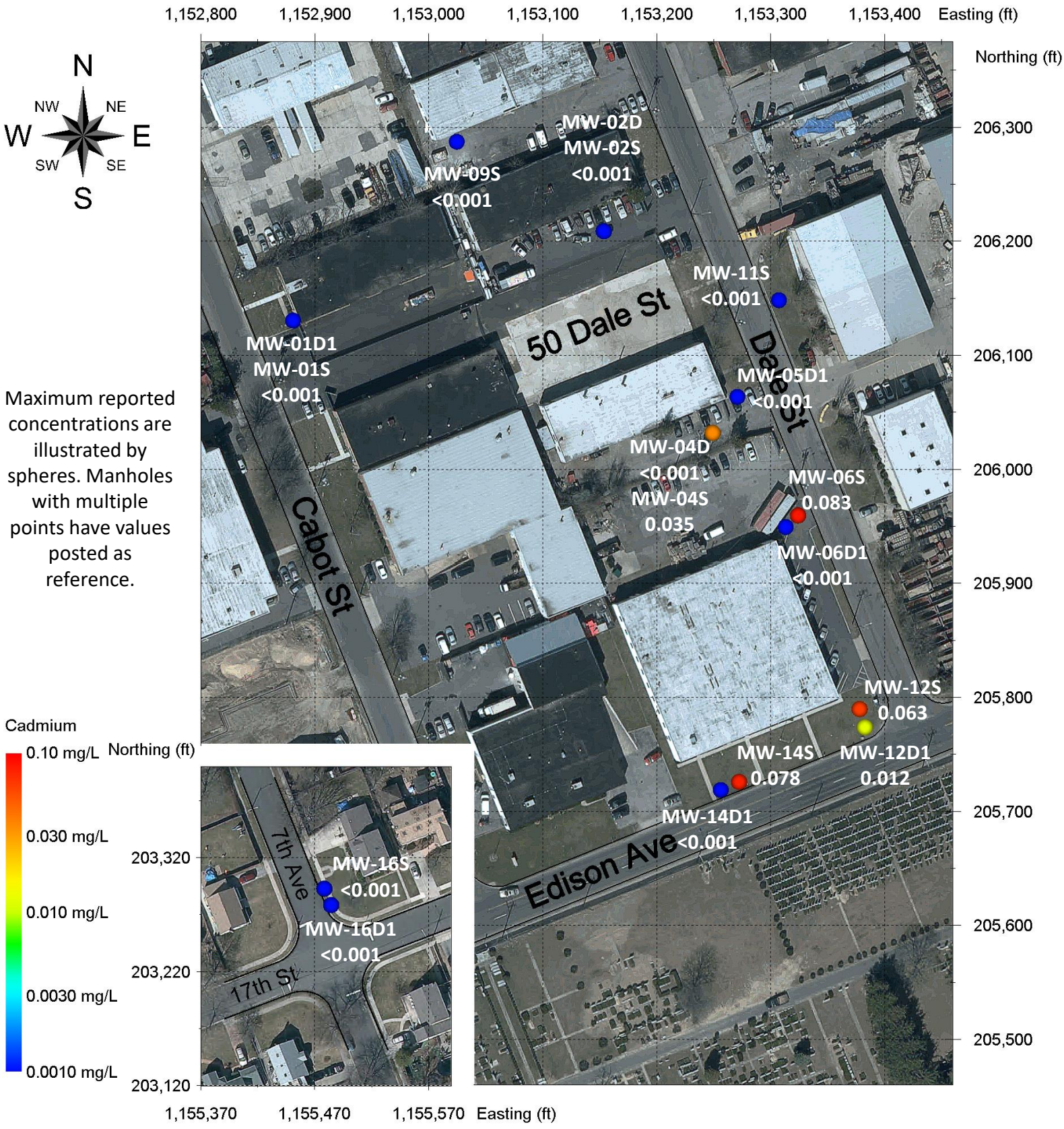
Tetrachloroethene
5.0 ug/L
3.0 ug/L
1.0 ug/L
0.50 ug/L

Concentrations reported as <RL are posted as RL values

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 5



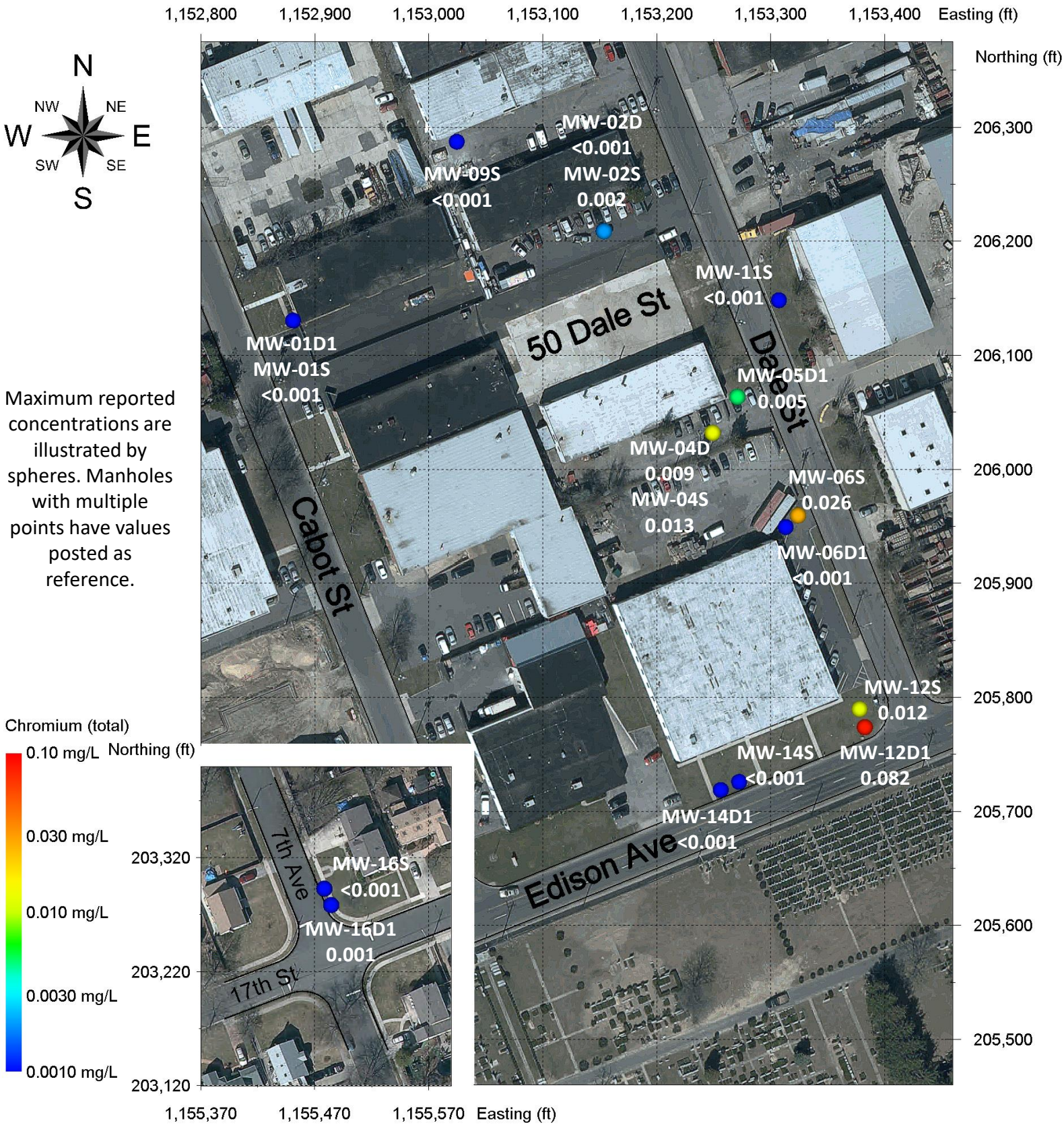
Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

Concentrations reported as <RL are posted as RL values

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 6



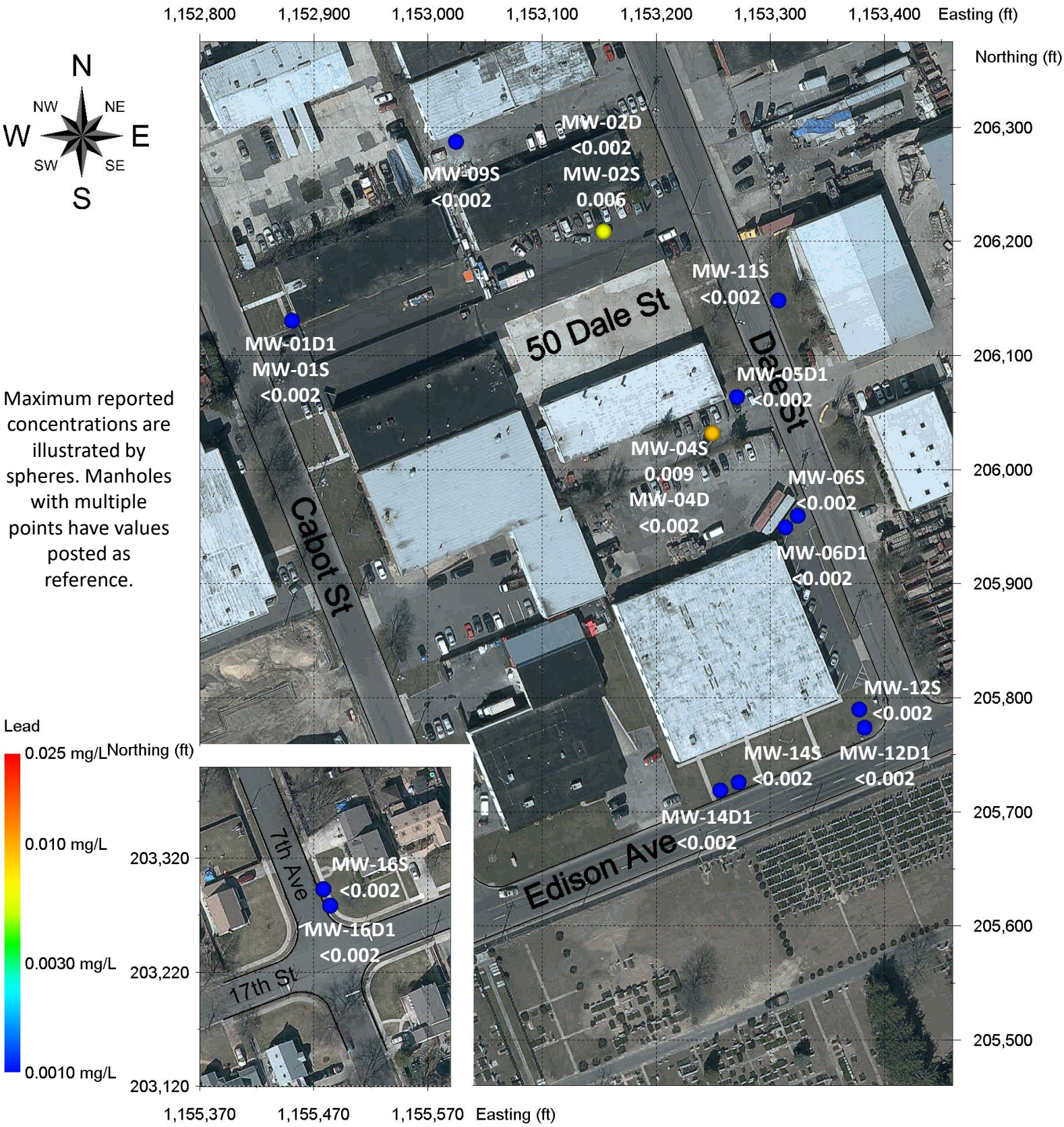
Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

Concentrations reported as <RL are posted as RL values

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 7



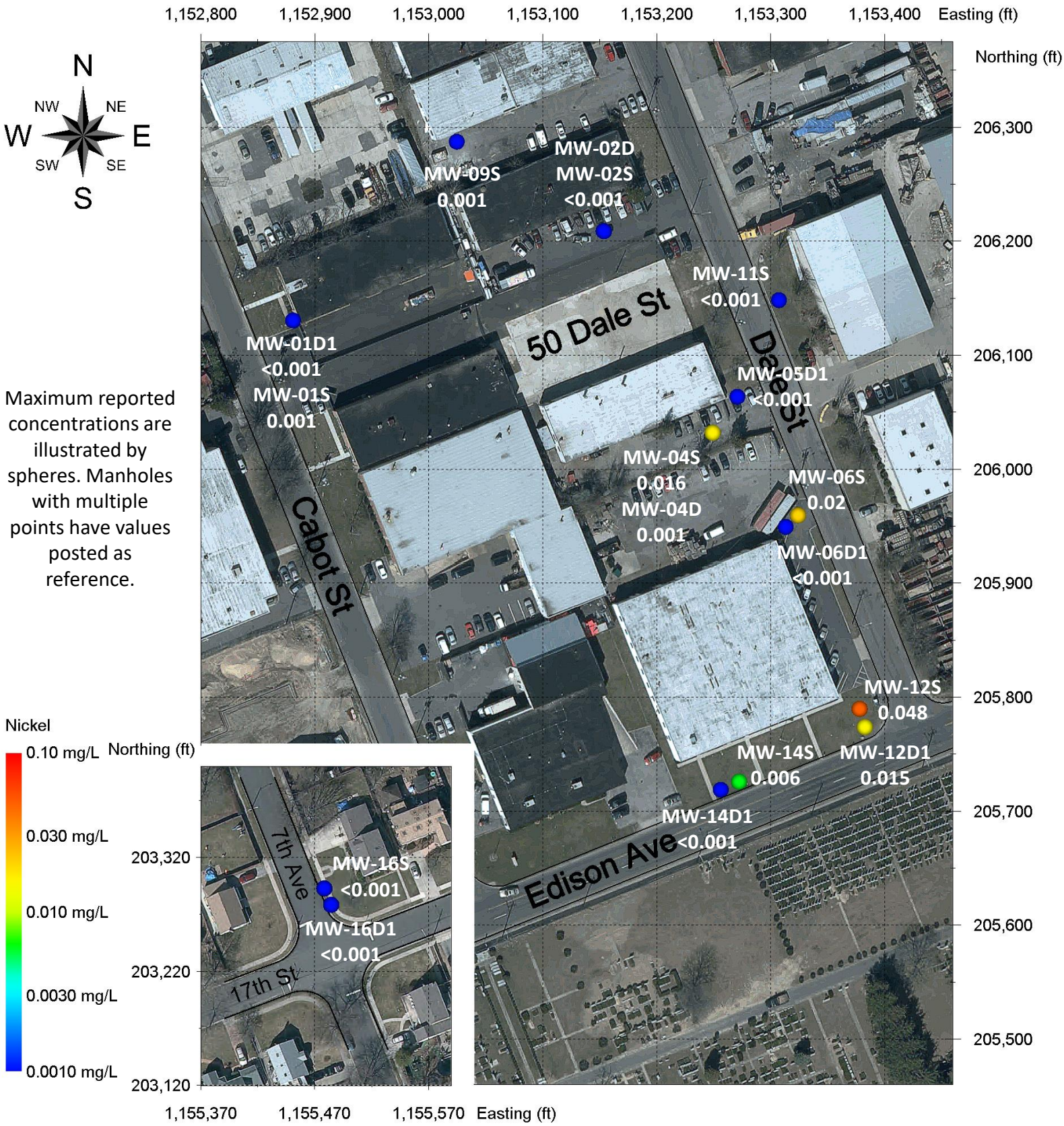
Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

Concentrations reported as <RL are posted as RL values

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Spectrum Finishing NYSDEC Site #152029
50 Dale Street West Babylon, NY 11704
March 2017 Groundwater Sampling Event
2-D Post Map Analytical Results

Figure 8



Maximum reported concentrations are illustrated by spheres. Manholes with multiple points have values posted as reference.

Concentrations reported as <RL are posted as RL values

Appendix A: Field Notes / Field Data Sheets

Groundwater Sampling Sheet: Stabilization Purge Method

Site: DEC – WESTBABYLON 50

Date: 3/9/17

Techs: RC/CS

Start Time: 7:00

End Time: 15:30

Equipment: GEO Pump #11 Solinst 210 – GEW #05 YSI Rental

WELL ID	Well Size (inches)	Total Well Depth (ft)	Depth to Water (ft)	Length of Column (ft)	One Standing Water Well Volume	Total Gallons Purged	Time Sampled	DO (mg/L)	Temp. °C	pH	ORP	Specific Conductance	Notes
MW-11S	2.0	25.95	22.49	3.46	.605	1.5	9:35	1.94	12.16	6.24	238.2	442	
MW-09S	2.0	23.81	23.26	0.55	.096	0.5	9:20	2.48	12.52	5.98	218.7	375	
MW-02S	2.0	24.21	22.96	1.25	.219	1.0	9:52	2.24	12.46	6.08	279.1	380	
MW-02D	2.0	48.76	22.96	25.80	4.52	5.0	10:32	1.75	12.70	5.81	312.2	406	
MW-06S	2.0	26.82	21.44	5.38	.942	1.5	11:15	0.97	13.01	5.92	262.2	271	
MW-06D1	2.0	49.14	21.41	27.73	4.85	5.0	12:09	1.15	13.20	5.53	316.8	287	
MW-12S	2.0	26.97	22.35	4.62	.809	1.0	13:04	0.88	13.54	5.97	270.4	111	
* MW-12D1	2.0	50.25	22.22	28.03	4.91	5.0	13:59	1.24	13.59	5.59	216.5	324	

Well Size (inches)		0.5	0.75	1	1.5	2	4	6	8
Multiplier based on 4 well volumes		0.06	0.11	0.18	0.42	0.7	2.65	6	10.4
Multiplier based on 1 well volume		0.015	0.0275	0.045	0.105	0.175	0.663	1.5	2.6

Purge a minimum of 1 well volume & then wait for stabilization

Tolerance for stability:

Specific Conductance (3%)
temperature (3%)
pH +/- 0.1 units

Record DO & ORP but do not use for stability

Guidelines for Field Screening Values:

pH = 5 - 9
Temperature = 10 - 19 (except for VERY warm days - please try to keep purge container cool)
DO = less than 12 (unless very close to a sparge well)

If readings are not in this range please recalibrate (except for temp, which cannot be calibrated).
If they remain out of range, please do not write the value on the sheet - it is an equipment error.

* MW-12D1 = MW-Y Dupe

Groundwater Sampling Sheet: Stabilization Purge Method

Site: DEC - WESTBABYLON 50

Date: 3/10/17

Techs: RC/CS

Start Time: 07:00

End Time: 15:30

Equipment:

WELL ID	Well Size (inches)	Total Well Depth (ft)	Depth to Water (ft)	Length of Column (ft)	One Standing Water Well Volume	Total Gallons Purged	Time Sampled	DO (mg/L)	Temp. °C	pH	ORP	Specific Conductance	Notes
MW	2	92.40	22.22										
MW-5D	2	50.67	22.27	28.40	4.97	5.00	8:59	1.67	13.27	5.47	288.0	232	
*MW-04S	2	23.14	21.85	1.29	.226	1.00	10:32	2.63	12.50	5.77	301.1	275	10:32
MW-04D	2	48.05	21.83	26.22	4.56	5.00	9:55	0.78	53.61	5.51	264.4	312	9:55
MW-1401	2	49.72	21.97	27.75	4.86	5.00	11:29	0.63	13.98	5.61	277.9	317	
MW-14S	2	24.05	21.82	2.23	.390	1.00	11:38	1.24	13.11	5.78	248.5	310	
MW-01S	2	24.67	22.62	2.07	.362	1.00	12:20	1.70	12.04	6.09	408.1	274	
MW-0101	2	49.70	22.67	27.03	4.73	5.00	12:52	1.74	13.25	5.57	276.8	192	
MW-16S	2	50.21	15.79	34.42	6.02	6.00	13:24	0.65	13.02	5.90	300.1	232	
MW-16D1	2	90.15	15.63	74.52	13.04	13.00	14:10	0.99	12.58	5.99	313.2	250	

Well Size (inches)		0.5	0.75	1	1.5	2	4	6	8
Multiplier based on 4 well volumes		0.06	0.11	0.18	0.42	0.7	2.65	6	10.4
Multiplier based on 1 well volume		0.015	0.0275	0.045	0.105	0.175	0.663	1.5	2.6

Purge a minimum of 1 well volume & then wait for stabilization

Tolerance for stability:

Specific Conductance (3%)
temperature (3%)
pH +/- 0.1 units

Record DO & ORP but do not use for stability

Guidelines for Field Screening Values:

pH = 5 - 9

Temperature = 10 - 19 (except for VERY warm days - please try to keep purge container cool)

DO = less than 12 (unless very close to a sparge well)

If readings are not in this range please recalibrate (except for temp, which cannot be calibrated).
If they remain out of range, please do not write the value on the sheet - it is an equipment error.

* MW-04S = MW-X Dupe

Appendix B: Laboratory Analytical Reports

PHOENIX
Environmental Laboratories, Inc.

Monday, March 20, 2017

Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Project ID: DEC-WEST BABYLON 50
Sample ID#s: BX84137 - BX84146

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	8:35
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84137

Project ID: DEC-WEST BABYLON 50
Client ID: MW-11S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	0.223	0.010	mg/L	1	03/13/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.037	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	21.5	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.237	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	2.7	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	3.21	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.018	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	56.0	1.0	mg/L	10	03/15/17	TH	SW6010C	
Nickel	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-11S

Phoenix I.D.: BX84137

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Ver 1

Project ID: DEC-WEST BABYLON 50
Client ID: MW-11S

Phoenix I.D.: BX84137

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	1.1	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	90		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	107		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	101		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	9:20
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84138

Project ID: DEC-WEST BABYLON 50
Client ID: MW-09S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	0.073	0.010	mg/L	1	03/13/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.027	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	20.9	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.034	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	2.7	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	3.31	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.021	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	21.2	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	0.019	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-09S

Phoenix I.D.: BX84138

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-09S

Phoenix I.D.: BX84138

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	2.1	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	93		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	98		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	9:52
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84139

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	0.232	0.010	mg/L	1	03/13/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.043	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	23.9	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	0.002	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	0.006	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.211	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	3.5	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	4.86	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.017	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	14.2	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	0.006	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02S

Phoenix I.D.: BX84139

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Ver 1

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02S

Phoenix I.D.: BX84139

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	3.0	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	96		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	10:32
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84140

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	< 0.010	0.010	mg/L	1	03/15/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.075	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	18.0	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.030	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	4.1	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	3.87	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.009	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	17.7	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02D

Phoenix I.D.: BX84140

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-02D

Phoenix I.D.: BX84140

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	99		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	101		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	11:15
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84141

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	0.050	0.010	mg/L	1	03/13/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.057	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	22.7	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	0.083	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	0.026	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.048	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	4.2	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	3.69	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.008	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	24.1	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	0.020	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	0.018	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06S

Phoenix I.D.: BX84141

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06S

Phoenix I.D.: BX84141

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	3.4	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	101		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	100		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	12:09
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84142

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Aluminum	0.018	0.010	mg/L	1	03/13/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	LK	SW6010C	
Barium	0.078	0.002	mg/L	1	03/13/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Calcium	16.4	0.010	mg/L	1	03/13/17	LK	SW6010C	
Cadmium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	LK	SW6010C	
Iron	0.015	0.010	mg/L	1	03/13/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/15/17	RS	SW7470A	
Potassium	4.2	0.1	mg/L	1	03/15/17	TH	SW6010C	
Magnesium	3.75	0.010	mg/L	1	03/13/17	LK	SW6010C	
Manganese	0.006	0.001	mg/L	1	03/13/17	LK	SW6010C	
Sodium	26.1	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	< 0.001	0.001	mg/L	1	03/13/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Zinc	0.002	0.002	mg/L	1	03/13/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06D1

Phoenix I.D.: BX84142

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-06D1

Phoenix I.D.: BX84142

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	89		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	103		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	96		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	13:04
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84143

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	MA	SW6010C	
Aluminum	0.241	0.010	mg/L	1	03/15/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	MA	SW6010C	
Barium	0.012	0.002	mg/L	1	03/13/17	MA	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	MA	SW6010C	
Calcium	9.14	0.010	mg/L	1	03/13/17	MA	SW6010C	
Cadmium	0.063	0.001	mg/L	1	03/13/17	MA	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Chromium	0.012	0.001	mg/L	1	03/13/17	MA	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/13/17	MA	SW6010C	
Iron	0.180	0.010	mg/L	1	03/13/17	MA	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	2.5	0.1	mg/L	1	03/13/17	LK	SW6010C	
Magnesium	1.43	0.010	mg/L	1	03/13/17	MA	SW6010C	
Manganese	0.006	0.001	mg/L	1	03/13/17	MA	SW6010C	
Sodium	8.09	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	0.048	0.001	mg/L	1	03/13/17	MA	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	MA	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Zinc	0.020	0.002	mg/L	1	03/13/17	MA	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12S

Phoenix I.D.: BX84143

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12S

Phoenix I.D.: BX84143

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	99		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	13:59
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84144

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/13/17	MA	SW6010C	
Aluminum	0.060	0.010	mg/L	1	03/15/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/13/17	MA	SW6010C	
Barium	0.059	0.002	mg/L	1	03/13/17	MA	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/13/17	MA	SW6010C	
Calcium	14.8	0.010	mg/L	1	03/13/17	MA	SW6010C	
Cadmium	0.012	0.001	mg/L	1	03/13/17	MA	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Chromium	0.082	0.001	mg/L	1	03/13/17	MA	SW6010C	
Copper	0.021	0.005	mg/L	1	03/13/17	MA	SW6010C	
Iron	0.065	0.010	mg/L	1	03/13/17	MA	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	4.0	0.1	mg/L	1	03/13/17	LK	SW6010C	
Magnesium	3.07	0.010	mg/L	1	03/13/17	MA	SW6010C	
Manganese	0.011	0.001	mg/L	1	03/13/17	MA	SW6010C	
Sodium	23.9	0.10	mg/L	1	03/15/17	TH	SW6010C	
Nickel	0.015	0.001	mg/L	1	03/13/17	MA	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C	B
Selenium	< 0.010	0.010	mg/L	1	03/13/17	MA	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/13/17	MA	SW6010C	
Zinc	0.016	0.002	mg/L	1	03/13/17	MA	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/10/17	AG		
Total Metals Digestion MS	Completed				03/10/17	AG		

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12D1

Phoenix I.D.: BX84144

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-12D1

Phoenix I.D.: BX84144

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	96		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/09/17	
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84145

Project ID: DEC-WEST BABYLON 50
Client ID: MW-Y

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	1	03/15/17	TH	SW6010C
Aluminum	0.066	0.010	mg/L	1	03/15/17	TH	SW6010C
Arsenic	0.004	0.004	mg/L	1	03/15/17	TH	SW6010C
Barium	0.060	0.002	mg/L	1	03/15/17	TH	SW6010C
Beryllium	< 0.001	0.001	mg/L	1	03/15/17	TH	SW6010C
Calcium	15.3	0.010	mg/L	1	03/15/17	TH	SW6010C
Cadmium	0.011	0.001	mg/L	1	03/15/17	TH	SW6010C
Cobalt	< 0.002	0.002	mg/L	1	03/15/17	TH	SW6010C
Chromium	0.078	0.001	mg/L	1	03/15/17	TH	SW6010C
Copper	0.023	0.005	mg/L	1	03/15/17	TH	SW6010C
Iron	0.049	0.010	mg/L	1	03/15/17	TH	SW6010C
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A
Potassium	3.7	0.1	mg/L	1	03/15/17	TH	SW6010C
Magnesium	3.06	0.010	mg/L	1	03/15/17	TH	SW6010C
Manganese	0.011	0.001	mg/L	1	03/15/17	TH	SW6010C
Sodium	22.5	0.10	mg/L	1	03/16/17	TH	SW6010C
Nickel	0.015	0.001	mg/L	1	03/15/17	TH	SW6010C
Lead	< 0.002	0.002	mg/L	1	03/15/17	TH	SW6010C
Antimony	< 0.005	0.005	mg/L	1	03/15/17	LK	SW6010C
Selenium	< 0.010	0.010	mg/L	1	03/15/17	TH	SW6010C
Thallium	< 0.0003	0.0003	mg/L	1	03/13/17	LK	SW6020B
Vanadium	< 0.002	0.002	mg/L	1	03/15/17	TH	SW6010C
Zinc	0.015	0.002	mg/L	1	03/15/17	TH	SW6010C
Mercury Digestion	Completed				03/15/17	W/W	SW7470A
Total Metals Digestion	Completed				03/13/17	AG	
Total Metals Digestion MS	Completed				03/10/17	AG	

Project ID: DEC-WEST BABYLON 50
Client ID: MW-Y

Phoenix I.D.: BX84145

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	

Ver 1

Project ID: DEC-WEST BABYLON 50
Client ID: MW-Y

Phoenix I.D.: BX84145

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	105		%	1	03/11/17	MH	70 - 130 %	
% Toluene-d8	101		%	1	03/11/17	MH	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Mr. Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		03/09/17	12:00
Location Code:	ENVASSESMENT	Received by:	LB	03/10/17	15:12
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DEC-WESTBABYLON				

Laboratory Data

SDG ID: GBX84137
Phoenix ID: BX84146

Project ID: DEC-WEST BABYLON 50
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/11/17	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	

Project ID: DEC-WEST BABYLON 50
Client ID: FIELD BLANK

Phoenix I.D.: BX84146

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	03/11/17	MH	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	03/11/17	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/11/17	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/11/17	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/11/17	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/11/17	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/11/17	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	03/11/17	MH	70 - 130 %	
% Bromofluorobenzene	90		%	1	03/11/17	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	03/11/17	MH	70 - 130 %	

Ver 1

Project ID: DEC-WEST BABYLON 50
Client ID: FIELD BLANK

Phoenix I.D.: BX84146

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100		%	1	03/11/17	MH	70 - 130 %

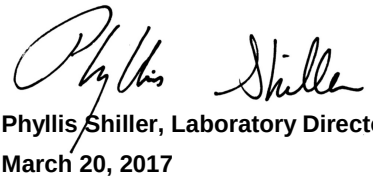
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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



Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 20, 2017

QA/QC Data

SDG I.D.: GBX84137

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 378853 (mg/L), QC Sample No: BX83165 (BX84137, BX84138, BX84139, BX84140, BX84141, BX84142, BX84143, BX84144, BX84145)													
ICP MS Metals - Aqueous													
Thallium	BRL	0.0003	<0.0003	BRL	NC	95.0			92.8			75 - 125	20
QA/QC Batch 379021 (mg/L), QC Sample No: BX83473 (BX84137, BX84138, BX84139, BX84140, BX84141, BX84142, BX84143, BX84144)													
ICP Metals - Aqueous													
Aluminum	BRL	0.010	0.491	0.565	14.0	88.7			109			75 - 125	20
Antimony	0.005	0.005	<0.005	<0.005	NC	115			120			75 - 125	20
Arsenic	BRL	0.004	0.005	0.005	NC	102			102			75 - 125	20
Barium	BRL	0.002	0.024	0.025	4.10	109			107			75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	102			103			75 - 125	20
Cadmium	BRL	0.001	0.001	0.002	NC	101			98.5			75 - 125	20
Calcium	BRL	0.010	45.2	46.5	2.80	98.1			NC			75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	103			100			75 - 125	20
Cobalt	BRL	0.002	0.003	0.003	NC	107			104			75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	103			100			75 - 125	20
Iron	BRL	0.010	59.5	61.3	3.00	107			NC			75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	101			98.1			75 - 125	20
Magnesium	BRL	0.010	2.93	3.04	3.70	104			110			75 - 125	20
Manganese	BRL	0.001	2.76	2.82	2.20	106			103			75 - 125	20
Nickel	BRL	0.001	0.003	0.003	NC	106			103			75 - 125	20
Potassium	BRL	0.1	10.2	10.4	1.90	118			107			75 - 125	20
Selenium	BRL	0.010	<0.010	<0.010	NC	95.0			95.6			75 - 125	20
Silver	BRL	0.001	<0.001	<0.001	NC	94.8			94.7			75 - 125	20
Sodium	BRL	0.10	5.49	5.61	2.20	108			NC			75 - 125	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	101			101			75 - 125	20
Zinc	BRL	0.002	0.011	0.011	0	101			99.1			75 - 125	20
QA/QC Batch 379154 (mg/L), QC Sample No: BX83581 (BX84137, BX84138, BX84139, BX84140, BX84141, BX84142)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	81.8			78.3			70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 379190 (mg/L), QC Sample No: BX86600 (BX84145)													
ICP Metals - Aqueous													
Aluminum	BRL	0.010	0.210	0.223	6.00	105			104			75 - 125	20
Antimony	BRL	0.005	<0.005	<0.005	NC	121			122			75 - 125	20
Arsenic	BRL	0.004	0.004	<0.004	NC	101			103			75 - 125	20
Barium	BRL	0.002	0.023	0.023	0	108			106			75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	104			105			75 - 125	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	103			99.2			75 - 125	20
Calcium	BRL	0.010	59.0	58.9	0.20	100			NC			75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	103			101			75 - 125	20

QA/QC Data

SDG I.D.: GBX84137

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Cobalt	BRL	0.002	<0.002	<0.002	NC	102			98.9			75 - 125	20
Copper	BRL	0.005	<0.005	<0.005	NC	104			105			75 - 125	20
Iron	BRL	0.010	0.113	0.113	0	104			103			75 - 125	20
Lead	BRL	0.002	<0.002	<0.002	NC	103			99.5			75 - 125	20
Magnesium	BRL	0.010	4.60	4.55	1.10	106			96.1			75 - 125	20
Manganese	BRL	0.001	0.147	0.145	1.40	106			103			75 - 125	20
Nickel	BRL	0.001	0.003	0.003	NC	106			102			75 - 125	20
Potassium	BRL	0.1	12.9	12.9	0	104			103			75 - 125	20
Selenium	BRL	0.010	<0.010	<0.010	NC	97.0			96.7			75 - 125	20
Silver	BRL	0.001	<0.001	<0.001	NC	102			103			75 - 125	20
Sodium	BRL	0.10	127	125	1.60	109			NC			75 - 125	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	104			105			75 - 125	20
Zinc	BRL	0.002	0.018	0.017	5.70	101			102			75 - 125	20
QA/QC Batch 379403 (mg/L), QC Sample No: BX87074 (BX84143, BX84144, BX84145)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	88.6			87.0			70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

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QA/QC Report

March 20, 2017

QA/QC Data

SDG I.D.: GBX84137

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 379141 (ug/L), QC Sample No: BX83458 (BX84137, BX84138, BX84139, BX84140, BX84141, BX84142, BX84143, BX84144, BX84145, BX84146)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	92	95	3.2				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	85	89	4.6				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	85	94	10.1				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	87	95	8.8				70 - 130	30
1,1-Dichloroethane	ND	1.0	89	93	4.4				70 - 130	30
1,1-Dichloroethene	ND	1.0	85	89	4.6				70 - 130	30
1,1-Dichloropropene	ND	1.0	84	88	4.7				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	85	90	5.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	87	95	8.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	85	94	10.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	89	94	5.5				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	78	90	14.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	88	93	5.5				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	85	92	7.9				70 - 130	30
1,2-Dichloroethane	ND	1.0	84	90	6.9				70 - 130	30
1,2-Dichloropropane	ND	1.0	90	93	3.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	88	92	4.4				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	87	94	7.7				70 - 130	30
1,3-Dichloropropane	ND	1.0	85	91	6.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	88	92	4.4				70 - 130	30
2,2-Dichloropropane	ND	1.0	94	95	1.1				70 - 130	30
2-Chlorotoluene	ND	1.0	90	94	4.3				70 - 130	30
2-Hexanone	ND	5.0	87	95	8.8				70 - 130	30
2-Isopropyltoluene	ND	1.0	93	99	6.3				70 - 130	30
4-Chlorotoluene	ND	1.0	90	92	2.2				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	90	104	14.4				70 - 130	30
Acetone	ND	5.0	88	95	7.7				70 - 130	30
Acrylonitrile	ND	5.0	90	99	9.5				70 - 130	30
Benzene	ND	0.70	87	91	4.5				70 - 130	30
Bromobenzene	ND	1.0	87	94	7.7				70 - 130	30
Bromochloromethane	ND	1.0	102	102	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	90	96	6.5				70 - 130	30
Bromoform	ND	1.0	89	95	6.5				70 - 130	30
Bromomethane	ND	1.0	66	71	7.3				70 - 130	30
Carbon Disulfide	ND	1.0	91	92	1.1				70 - 130	30
Carbon tetrachloride	ND	1.0	91	93	2.2				70 - 130	30
Chlorobenzene	ND	1.0	90	92	2.2				70 - 130	30
Chloroethane	ND	1.0	91	91	0.0				70 - 130	30
Chloroform	ND	1.0	90	95	5.4				70 - 130	30
Chloromethane	ND	1.0	75	79	5.2				70 - 130	30

QA/QC Data

SDG I.D.: GBX84137

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	1.0	84	94	11.2				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	88	91	3.4				70 - 130	30	
Dibromochloromethane	ND	0.50	93	101	8.2				70 - 130	30	
Dibromomethane	ND	1.0	86	94	8.9				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	66	66	0.0				70 - 130	30	I
Ethylbenzene	ND	1.0	90	92	2.2				70 - 130	30	
Hexachlorobutadiene	ND	0.40	89	92	3.3				70 - 130	30	
Isopropylbenzene	ND	1.0	90	93	3.3				70 - 130	30	
m&p-Xylene	ND	1.0	91	93	2.2				70 - 130	30	
Methyl ethyl ketone	ND	5.0	94	107	12.9				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	98	114	15.1				70 - 130	30	
Methylene chloride	ND	1.0	87	93	6.7				70 - 130	30	
Naphthalene	ND	1.0	82	93	12.6				70 - 130	30	
n-Butylbenzene	ND	1.0	85	94	10.1				70 - 130	30	
n-Propylbenzene	ND	1.0	84	92	9.1				70 - 130	30	
o-Xylene	ND	1.0	93	94	1.1				70 - 130	30	
p-Isopropyltoluene	ND	1.0	86	92	6.7				70 - 130	30	
sec-Butylbenzene	ND	1.0	92	99	7.3				70 - 130	30	
Styrene	ND	1.0	91	95	4.3				70 - 130	30	
tert-Butylbenzene	ND	1.0	87	93	6.7				70 - 130	30	
Tetrachloroethene	ND	1.0	86	90	4.5				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	80	91	12.9				70 - 130	30	
Toluene	ND	1.0	85	92	7.9				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	91	92	1.1				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	85	95	11.1				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	97	106	8.9				70 - 130	30	
Trichloroethene	ND	1.0	89	93	4.4				70 - 130	30	
Trichlorofluoromethane	ND	1.0	95	96	1.0				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	98	99	1.0				70 - 130	30	
Vinyl chloride	ND	1.0	86	88	2.3				70 - 130	30	
% 1,2-dichlorobenzene-d4	105	%	96	102	6.1				70 - 130	30	
% Bromofluorobenzene	91	%	98	99	1.0				70 - 130	30	
% Dibromofluoromethane	103	%	96	97	1.0				70 - 130	30	
% Toluene-d8	96	%	98	100	2.0				70 - 130	30	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
March 20, 2017

Monday, March 20, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX84137 - ENVASSESMENT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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NY Temperature Narration

March 20, 2017

SDG I.D.: GBX84137

The samples in this delivery group were received at 2°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2 °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX
Environmental Laboratories, Inc.

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Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone: 631 447-6400
[ ] Email:

Customer: EAR
Address: 225 ATLANTIC AVE.
PATCHOGUE, N.Y. 11772

Project: DEC- WESTBABYLON 50
Report to: PAT BENEDETTO
Invoice to:

Project P.O: DEC-WESTBABYLON 50

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 3/9/17

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA Method 8260C	6010C/7470A	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
84137	MW- 11S	GW	3/9/17	8:35	3	1				3				1		
84138	MW-09S			9:20	3	1				3				1		
84139	MW- 02S			9:52	3	1				3				1		
84140	MW-02D			10:32	3	1				3				1		
84141	MW-06S			11:15	3	1				3				1		
84142	MW-06D1			12:09	3	1				3				1		
84143	MW-12S			13:04	3	1				3				1		
84144	MW-12D1			13:59	3	1				3				1		
84145	MW-Y			—	3	1				3				1		
84146	FIELD BLANK			12:00	3	—				3				—		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	EAR FRIDGE	3/9/17	15:30
[signature]	[signature]	3-10-17	11:00
[signature]	[signature]	3-10-17	1512

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[X] ~~10 Days~~ PB
[X] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[X] Industrial

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

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

Comments, Special Requirements or Regulations:
TAL Metals per Pat B (PB)

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Monday, March 20, 2017

Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Project ID: DEC-WESTBABYLON 50
Sample ID#s: BX86917 - BX86927

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	8:59
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86917

Project ID: DEC-WESTBABYLON 50
Client ID: MW-5D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	< 0.010	0.010	mg/L	1	03/20/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.072	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	17.9	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	0.005	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.019	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	4.1	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	3.37	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.011	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	17.6	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	MA	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-5D1

Phoenix I.D.: BX86917

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-5D1

Phoenix I.D.: BX86917

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	101		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	98		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	10:32
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86918

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.545	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.024	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	14.6	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	0.035	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	0.013	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	0.072	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.929	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	1.0	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	2.33	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.019	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	7.97	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	0.016	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	0.009	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	0.008	0.005	mg/L	1	03/17/17	MA	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	0.003	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	0.109	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04S

Phoenix I.D.: BX86918

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04S

Phoenix I.D.: BX86918

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	94		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	99		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	99		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	9:55
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86919

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.134	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.055	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	12.3	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	0.009	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	0.011	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.128	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	3.0	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	2.94	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.009	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	17.5	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	0.003	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04D

Phoenix I.D.: BX86919

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-04D

Phoenix I.D.: BX86919

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	93		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	98		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	99		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	11:09
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86920

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.100	0.010	mg/L	1	03/17/17	MA	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.075	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	14.7	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.309	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	4.1	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	2.88	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.006	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	21.4	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14D1

Phoenix I.D.: BX86920

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14D1

Phoenix I.D.: BX86920

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	101		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	99		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	11:38
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86921

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.081	0.010	mg/L	1	03/17/17	MA	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.062	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	28.6	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	0.078	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.015	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	5.9	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	4.14	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.002	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	18.2	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	0.006	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	MA	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14S

Phoenix I.D.: BX86921

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Project ID: DEC-WESTBABYLON 50
Client ID: MW-14S

Phoenix I.D.: BX86921

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	94		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	99		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	12:20
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86922

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.227	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.126	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	57.1	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.098	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	12.9	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	6.27	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.005	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	25.6	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	0.027	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/15/17	W/W	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01S

Phoenix I.D.: BX86922

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/16/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/16/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/16/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloroform	1.3	1.0	ug/L	1	03/16/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/16/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01S

Phoenix I.D.: BX86922

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/16/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/16/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/16/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/16/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	03/16/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/16/17	HM	70 - 130 %	
% Dibromofluoromethane	97		%	1	03/16/17	HM	70 - 130 %	
% Toluene-d8	98		%	1	03/16/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	12:52
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86923

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.139	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.048	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	11.3	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.062	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	2.8	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	2.47	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.006	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	18.8	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	0.004	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/16/17	Q/Q	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01D1

Phoenix I.D.: BX86923

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/17/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/17/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-01D1

Phoenix I.D.: BX86923

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/17/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	03/17/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/17/17	HM	70 - 130 %	
% Dibromofluoromethane	99		%	1	03/17/17	HM	70 - 130 %	
% Toluene-d8	97		%	1	03/17/17	HM	70 - 130 %	

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B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	13:24
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86924

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.095	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.047	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	21.1	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.098	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	3.4	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	3.34	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.006	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	16.8	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/16/17	Q/Q	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16S

Phoenix I.D.: BX86924

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/17/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/17/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16S

Phoenix I.D.: BX86924

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/17/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	03/17/17	HM	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/17/17	HM	70 - 130 %	
% Dibromofluoromethane	98		%	1	03/17/17	HM	70 - 130 %	
% Toluene-d8	96		%	1	03/17/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Ver 1

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	14:10
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86925

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16D1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.436	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.041	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	16.8	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.340	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	1.9	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	4.33	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.009	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	18.0	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/16/17	Q/Q	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16D1

Phoenix I.D.: BX86925

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,1-Trichloroethane	1.1	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/17/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/17/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	

Project ID: DEC-WESTBABYLON 50
Client ID: MW-16D1

Phoenix I.D.: BX86925

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/17/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Trichloroethene	1.4	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	03/17/17	HM	70 - 130 %	
% Bromofluorobenzene	90		%	1	03/17/17	HM	70 - 130 %	
% Dibromofluoromethane	99		%	1	03/17/17	HM	70 - 130 %	
% Toluene-d8	98		%	1	03/17/17	HM	70 - 130 %	

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B = Present in blank, no bias suspected.

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BRL=Below Reporting Level
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Comments:

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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

Ver 1

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86926

Project ID: DEC-WESTBABYLON 50
Client ID: MW-X

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Aluminum	0.654	0.010	mg/L	1	03/17/17	LK	SW6010C	
Arsenic	< 0.004	0.004	mg/L	1	03/17/17	LK	SW6010C	
Barium	0.025	0.002	mg/L	1	03/17/17	LK	SW6010C	
Beryllium	< 0.001	0.001	mg/L	1	03/17/17	LK	SW6010C	
Calcium	14.3	0.010	mg/L	1	03/17/17	LK	SW6010C	B
Cadmium	0.035	0.001	mg/L	1	03/17/17	LK	SW6010C	
Cobalt	< 0.002	0.002	mg/L	1	03/17/17	LK	SW6010C	
Chromium	0.014	0.001	mg/L	1	03/17/17	LK	SW6010C	
Copper	0.076	0.005	mg/L	1	03/17/17	LK	SW6010C	
Iron	0.992	0.010	mg/L	1	03/17/17	LK	SW6010C	
Mercury	< 0.0002	0.0002	mg/L	1	03/16/17	RS	SW7470A	
Potassium	1.0	0.1	mg/L	1	03/17/17	LK	SW6010C	
Magnesium	2.26	0.010	mg/L	1	03/17/17	LK	SW6010C	
Manganese	0.019	0.001	mg/L	1	03/17/17	LK	SW6010C	
Sodium	7.97	0.10	mg/L	1	03/17/17	LK	SW6010C	B
Nickel	0.016	0.001	mg/L	1	03/17/17	LK	SW6010C	
Lead	0.010	0.002	mg/L	1	03/17/17	LK	SW6010C	
Antimony	< 0.005	0.005	mg/L	1	03/17/17	LK	SW6010C	
Selenium	< 0.010	0.010	mg/L	1	03/17/17	LK	SW6010C	
Thallium	< 0.0003	0.0003	mg/L	1	03/17/17	LK	SW6020B	
Vanadium	0.003	0.002	mg/L	1	03/17/17	LK	SW6010C	
Zinc	0.117	0.002	mg/L	1	03/17/17	LK	SW6010C	
Mercury Digestion	Completed				03/16/17	Q/Q	SW7470A	
Total Metals Digestion	Completed				03/16/17	AG		
Total Metals Digestion MS	Completed				03/15/17	AG		

Project ID: DEC-WESTBABYLON 50
Client ID: MW-X

Phoenix I.D.: BX86926

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Acetone	ND	25	ug/L	1	03/17/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/17/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	

Project ID: DEC-WESTBABYLON 50
Client ID: MW-X

Phoenix I.D.: BX86926

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
m&p-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/17/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	03/17/17	HM	70 - 130 %	
% Bromofluorobenzene	91		%	1	03/17/17	HM	70 - 130 %	
% Dibromofluoromethane	95		%	1	03/17/17	HM	70 - 130 %	
% Toluene-d8	99		%	1	03/17/17	HM	70 - 130 %	

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 20, 2017

FOR: Attn: Pat Benedetto
Environmental Assessment & Remediations
225 Atlantic Ave
Patchogue, NY 11772

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/10/17	12:00
Location Code:	ENVASSESMENT	Received by:	SW	03/13/17	16:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	DECWESTBABYLON5				

Laboratory Data

SDG ID: GBX86917
Phoenix ID: BX86927

Project ID: DEC-WESTBABYLON 50
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	03/17/17	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	

Project ID: DEC-WESTBABYLON 50
Client ID: FIELD BLANK

Phoenix I.D.: BX86927

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	03/17/17	HM	SW8260C	
Acrylonitrile	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Benzene	ND	0.70	ug/L	1	03/17/17	HM	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Bromoform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Bromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloroform	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Chloromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	03/17/17	HM	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Naphthalene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
o-Xylene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Styrene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/17/17	HM	SW8260C	1
Toluene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/17/17	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/17/17	HM	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	03/17/17	HM	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	03/17/17	HM	70 - 130 %	
% Bromofluorobenzene	92		%	1	03/17/17	HM	70 - 130 %	
% Dibromofluoromethane	100		%	1	03/17/17	HM	70 - 130 %	

Ver 1

Project ID: DEC-WESTBABYLON 50
Client ID: FIELD BLANK

Phoenix I.D.: BX86927

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	03/17/17	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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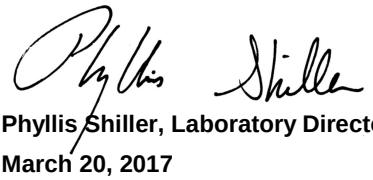

Phyllis Shiller, Laboratory Director
March 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President

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

NY # 11301

QA/QC Report

March 20, 2017

QA/QC Data

SDG I.D.: GBX86917

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 379558 (mg/L), QC Sample No: BX86964 (BX86917, BX86918, BX86919, BX86920, BX86921, BX86922, BX86923, BX86924, BX86925, BX86926)													
ICP Metals - Aqueous													
Aluminum	BRL	0.010	0.103	<0.010	NC	92.2			91.6			75 - 125	20
Antimony	BRL	0.005	0.008	<0.005	NC	97.5			100			75 - 125	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	94.0			95.5			75 - 125	20
Barium	BRL	0.002	<0.002	<0.002	NC	98.1			98.4			75 - 125	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	98.1			98.4			75 - 125	20
Cadmium	BRL	0.001	<0.0001	<0.001	NC	99.5			96.7			75 - 125	20
Calcium	0.015	0.010	15.1	14.7	2.70	96.2			NC			75 - 125	20
Chromium	BRL	0.001	<0.001	<0.001	NC	94.9			94.7			75 - 125	20
Cobalt	BRL	0.002	<0.002	<0.002	NC	99.8			100			75 - 125	20
Copper	BRL	0.005	<0.002	<0.005	NC	93.8			93.8			75 - 125	20
Iron	BRL	0.010	<0.010	<0.010	NC	96.4			97.4			75 - 125	20
Lead	BRL	0.002	<0.0002	<0.002	NC	95.1			94.2			75 - 125	20
Magnesium	BRL	0.010	12.8	12.7	0.80	96.9			NC			75 - 125	20
Manganese	BRL	0.001	<0.001	0.001	NC	97.7			96.3			75 - 125	20
Nickel	BRL	0.001	<0.001	<0.001	NC	97.4			97.7			75 - 125	20
Potassium	BRL	0.1	2.4	2.4	0	88.2			98.9			75 - 125	20
Selenium	BRL	0.010	<0.010	<0.010	NC	92.4			92.9			75 - 125	20
Silver	BRL	0.001	<0.001	<0.001	NC	92.9			92.8			75 - 125	20
Sodium	0.31	0.10	27.5	27.7	0.70	115			NC			75 - 125	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	95.2			95.1			75 - 125	20
Zinc	BRL	0.002	<0.002	<0.002	NC	95.7			95.8			75 - 125	20
QA/QC Batch 379426 (mg/L), QC Sample No: BX87074 (BX86917, BX86918, BX86919, BX86920, BX86921, BX86922, BX86923, BX86924, BX86925, BX86926)													
ICP MS Metals - Aqueous													
Thallium	BRL	0.0003	<0.0003	BRL	NC	87.2			83.6			75 - 125	20
QA/QC Batch 379403 (mg/L), QC Sample No: BX87074 (BX86917, BX86918, BX86919, BX86920, BX86921, BX86922)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	88.6			87.0			70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 379502 (mg/L), QC Sample No: BX87424 (BX86923, BX86924, BX86925, BX86926)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	102			92.8			70 - 130	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

March 20, 2017

QA/QC Data

SDG I.D.: GBX86917

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 379695 (ug/L), QC Sample No: BX86798 (BX86917, BX86918, BX86919, BX86920, BX86921, BX86922, BX86923, BX86924, BX86925, BX86926, BX86927)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	103	106	2.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	94	93	1.1				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	100	107	6.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	96	101	5.1				70 - 130	30
1,1-Dichloroethane	ND	1.0	99	100	1.0				70 - 130	30
1,1-Dichloroethene	ND	1.0	97	96	1.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	93	4.2				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	105	113	7.3				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	101	105	3.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	102	109	6.6				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	100	2.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	97	101	4.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	100	105	4.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	101	1.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	98	100	2.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	101	103	2.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	100	100	0.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	99	100	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	99	104	4.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	100	0.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	102	98	4.0				70 - 130	30
2-Chlorotoluene	ND	1.0	104	103	1.0				70 - 130	30
2-Hexanone	ND	5.0	97	108	10.7				70 - 130	30
2-Isopropyltoluene	ND	1.0	102	103	1.0				70 - 130	30
4-Chlorotoluene	ND	1.0	99	101	2.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	99	105	5.9				70 - 130	30
Acetone	ND	5.0	78	102	26.7				70 - 130	30
Acrylonitrile	ND	5.0	99	103	4.0				70 - 130	30
Benzene	ND	0.70	97	98	1.0				70 - 130	30
Bromobenzene	ND	1.0	102	103	1.0				70 - 130	30
Bromochloromethane	ND	1.0	97	107	9.8				70 - 130	30
Bromodichloromethane	ND	0.50	100	103	3.0				70 - 130	30
Bromoform	ND	1.0	105	111	5.6				70 - 130	30
Bromomethane	ND	1.0	103	110	6.6				70 - 130	30
Carbon Disulfide	ND	1.0	106	106	0.0				70 - 130	30
Carbon tetrachloride	ND	1.0	97	95	2.1				70 - 130	30
Chlorobenzene	ND	1.0	101	101	0.0				70 - 130	30
Chloroethane	ND	1.0	100	100	0.0				70 - 130	30
Chloroform	ND	1.0	96	99	3.1				70 - 130	30
Chloromethane	ND	1.0	97	98	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GBX86917

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	99	103	4.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	100	103	3.0				70 - 130	30
Dibromochloromethane	ND	0.50	105	109	3.7				70 - 130	30
Dibromomethane	ND	1.0	97	101	4.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	95	92	3.2				70 - 130	30
Ethylbenzene	ND	1.0	102	102	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	99	101	2.0				70 - 130	30
Isopropylbenzene	ND	1.0	102	102	0.0				70 - 130	30
m&p-Xylene	ND	1.0	102	102	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	91	99	8.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	104	112	7.4				70 - 130	30
Methylene chloride	ND	1.0	94	98	4.2				70 - 130	30
Naphthalene	ND	1.0	104	117	11.8				70 - 130	30
n-Butylbenzene	ND	1.0	99	103	4.0				70 - 130	30
n-Propylbenzene	ND	1.0	98	97	1.0				70 - 130	30
o-Xylene	ND	1.0	105	104	1.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	100	100	0.0				70 - 130	30
sec-Butylbenzene	ND	1.0	101	104	2.9				70 - 130	30
Styrene	ND	1.0	106	106	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	101	101	0.0				70 - 130	30
Tetrachloroethene	ND	1.0	96	97	1.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	89	101	12.6				70 - 130	30
Toluene	ND	1.0	99	98	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	99	99	0.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	101	105	3.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	107	115	7.2				70 - 130	30
Trichloroethene	ND	1.0	102	100	2.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	92	90	2.2				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	90	91	1.1				70 - 130	30
Vinyl chloride	ND	1.0	96	95	1.0				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	98	101	3.0				70 - 130	30
% Bromofluorobenzene	93	%	100	102	2.0				70 - 130	30
% Dibromofluoromethane	98	%	95	99	4.1				70 - 130	30
% Toluene-d8	96	%	99	99	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

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

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

Phyllis Shiller, Laboratory Director
March 20, 2017

Monday, March 20, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX86917 - ENVASSESMENT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

March 20, 2017

SDG I.D.: GBX86917

The samples in this delivery group were received at 3°C.
(Note acceptance criteria is above freezing up to 6°C)

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]
Temp 2 °C Pg of

Contact Options:
[ ] Fax:
[ ] Phone: 631 447-6400
[ ] Email:

Customer: EAR
Address: 225 ATLANTIC AVE.
PATCHOGUE, N.Y. 11772

Project: DEC-WEST BABYLON 50
Report to: PAT BENEDETTO
Invoice to:

Project P.O: DEC-WEST BABYLON 50

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature [signature] Date: 3/10/17

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

Bottle columns: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [X] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4 [ ] 1000ml; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA METHOD 8260C	EPA METHOD 6010C/7470R	40 ml VOA Vial	PL HNO3 250ml
86917	MW-5D1	GW	3/10/17	8:59	3	1	3	1
86918	MW-04S			10:32	3	1	3	1
86919	MW-04D			9:55	3	1	3	1
86920	MW-14D1			11:09	3	1	3	1
86921	MW-14S			11:38	3	1	3	1
86922	MW-01S			12:20	3	1	3	1
86923	MW-01D1			12:52	3	1	3	1
86924	MW-16S			13:24	3	1	3	1
86925	MW-16D1			14:10	3	1	3	1
86926	MW-X			—	3	1	3	1
86927	FIELD-BLANK			12:00	3	—	3	—

Relinquished by:	Accepted by:	Date:	Time:
[signature]	EAR [signature]	3/10/17	15:30
WILLIAM A. [signature]	[signature]	3/13/17	12:40
[signature]	[signature]	3-13	16:14

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[X] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[ ] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[X] Industrial

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

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

State where samples were collected: N.Y.

Appendix C: QA/QC Sample Summary Table

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

QA/QC results
Phoenix Laboratories, Inc.

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Parameter	Field Blank 03/09/2017	Field Blank 03/10/2017
1,1 Dichloroethane	<1	<1
1,1 Dichloroethene	<1	<1
1,1 Dichloropropene	<1	<1
1,1,1 Trichloroethane	<1	<1
1,1,1,2 Tetrachloroethane	<1	<1
1,1,2 Trichloroethane	<1	<1
1,1,2,2 Tetrachloroethane	<0.5	<0.5
1,2 Dibromoethane	<1	<1
1,2 Dichlorobenzene	<1	<1
1,2 Dichloroethane	<0.6	<0.6
1,2 Dichloropropane	<1	<1
1,2,3 Trichlorobenzene	<1	<1
1,2,3 Trichloropropane	<1	<1
1,2,4 Trichlorobenzene	<1	<1
1,2,4 Trimethylbenzene	<1	<1
1,3 Dichlorobenzene	<1	<1
1,3 Dichloropropane	<1	<1
1,3,5 Trimethylbenzene	<1	<1
1,4 Dichlorobenzene	<1	<1
2 Chlorotoluene	<1	<1
2,2 Dichloropropane	<1	<1
2-Hexanone	<5	<5
4 Chlorotoluene	<1	<1
4-Methyl-2-Pentanone	<5	<5
Acetone	<25	<25
Acrylonitrile	<5	<5
Benzene	<0.7	<0.7
Benzene, 1-Methyl-2-(1Methylethyl)-	<1	<1
Bromobenzene	<1	<1
Bromochloromethane	<1	<1
Bromodichloromethane	<0.5	<0.5
Bromoform	<1	<1
Bromomethane	<1	<1
c 1,3 Dichloropropene	<0.4	<0.4
Carbon Disulfide	<5	<5
Carbon Tetrachloride	<1	<1
Chlorobenzene	<1	<1

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

QA/QC results
Phoenix Laboratories, Inc.

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Parameter	Field Blank 03/09/2017	Field Blank 03/10/2017
Chloroethane	<1	<1
Chloroform	<1	<1
Chloromethane	<1	<1
cis-1,2-Dichloroethene	<1	<1
Dibromochloromethane	<0.5	<0.5
Dibromochloropropane	<1	<1
Dibromomethane	<1	<1
Dichlorodifluoromethane	<1	<1
Ethylbenzene	<1	<1
Freon 113	<1	<1
Hexachlorobutadiene	<0.4	<0.4
Isopropylbenzene	<1	<1
m + p Xylene	<1	<1
Methyl Ethyl Ketone	<5	<5
Methylene Chloride	<1	<1
n Butylbenzene	<1	<1
n Propylbenzene	<1	<1
Naphthalene	<1	<1
o-Xylene	<1	<1
p Isopropyltoluene	<1	<1
s Butylbenzene	<1	<1
Styrene	<1	<1
t 1,3 Dichloropropene	<0.4	<0.4
t Butylbenzene	<1	<1
t butylmethylether	<1	<1
Tetrachloroethene	<1	<1
Tetrahydrofuran	<2.5	<2.5
Toluene	<1	<1
Total BTEX	<4.7	<4.7
trans-1,2-Dichloroethene	<1	<1
trans-1,4-Dichloro-2-butene	<5	<5
Trichloroethylene	<1	<1
Trichlorofluoromethane	<1	<1
Vinyl Chloride	<1	<1
Total VOCs	<116	<116

Total VOCs - estimate sum of concentrations above the lower reporting limit

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Blind Duplicates Results
Concentrations Reported in ug/L for VOCs and mg/L for Metals
Phoenix Laboratories, Inc.

Parameter	Original Sample MW-12D1 03/09/2017	Blind Duplicate MW-Y 03/09/2017	Relative Percent Difference	Original Sample MW-04S 03/10/17	Blind Duplicate MW-X 03/10/17	Relative Percent Difference
1,1 Dichloroethane	<1	<1	0 %	<1	<1	0 %
1,1 Dichloroethene	<1	<1	0 %	<1	<1	0 %
1,1 Dichloropropene	<1	<1	0 %	<1	<1	0 %
1,1,1 Trichloroethane	<1	<1	0 %	<1	<1	0 %
1,1,1,2 Tetrachloroethane	<1	<1	0 %	<1	<1	0 %
1,1,2 Trichloroethane	<1	<1	0 %	<1	<1	0 %
1,1,2,2 Tetrachloroethane	<0.5	<0.5	0 %	<0.5	<0.5	0 %
1,2 Dibromoethane	<1	<1	0 %	<1	<1	0 %
1,2 Dichlorobenzene	<1	<1	0 %	<1	<1	0 %
1,2 Dichloroethane	<0.6	<0.6	0 %	<0.6	<0.6	0 %
1,2 Dichloropropane	<1	<1	0 %	<1	<1	0 %
1,2,3 Trichlorobenzene	<1	<1	0 %	<1	<1	0 %
1,2,3 Trichloropropane	<1	<1	0 %	<1	<1	0 %
1,2,4 Trichlorobenzene	<1	<1	0 %	<1	<1	0 %
1,2,4 Trimethylbenzene	<1	<1	0 %	<1	<1	0 %
1,2-DICHLOROBENZENE-D4	98	102	**4 %**	100	101	**1 %**
1,3 Dichlorobenzene	<1	<1	0 %	<1	<1	0 %
1,3 Dichloropropane	<1	<1	0 %	<1	<1	0 %
1,3,5 Trimethylbenzene	<1	<1	0 %	<1	<1	0 %
1,4 Dichlorobenzene	<1	<1	0 %	<1	<1	0 %
2 Chlorotoluene	<1	<1	0 %	<1	<1	0 %
2,2 Dichloropropane	<1	<1	0 %	<1	<1	0 %
2-Hexanone	<5	<5	0 %	<5	<5	0 %
4 Chlorotoluene	<1	<1	0 %	<1	<1	0 %
4-Bromofluorobenzene	91	91	0 %	94	91	**3.24 %**
4-Methyl-2-Pentanone	<5	<5	0 %	<5	<5	0 %
Acetone	<25	<25	0 %	<25	<25	0 %
Acrylonitrile	<5	<5	0 %	<5	<5	0 %
Aluminum	0.06	0.066	**9.1%**	0.545	0.654	**18.18 %**
Antimony	<0.005	<0.005	0 %	<0.005	<0.005	0 %
Arsenic	<0.004	0.004	-%	<0.004	<0.004	0 %
Barium	0.059	0.06	**1.68 %**	0.024	0.025	**4.08 %**
Benzene	<0.7	<0.7	0 %	<0.7	<0.7	0 %
Benzene, 1-Methyl-2-(1Methylethyl)-	<1	<1	0 %	<1	<1	0 %
Beryllium	<0.001	<0.001	0 %	<0.001	<0.001	0 %
Bromobenzene	<1	<1	0 %	<1	<1	0 %
Bromochloromethane	<1	<1	0 %	<1	<1	0 %
Bromodichloromethane	<0.5	<0.5	0 %	<0.5	<0.5	0 %
Bromoform	<1	<1	0 %	<1	<1	0 %
Bromomethane	<1	<1	0 %	<1	<1	0 %
c 1,3 Dichloropropene	<0.4	<0.4	0 %	<0.4	<0.4	0 %
Cadmium	0.012	0.011	**8.7 %**	0.035	0.035	0 %
Calcium	14.8	15.3	**3.32 %**	14.6	14.3	**2.08 %**
Carbon Disulfide	<5	<5	0 %	<5	<5	0 %
Carbon Tetrachloride	<1	<1	0 %	<1	<1	0 %
Chlorobenzene	<1	<1	0 %	<1	<1	0 %
Chloroethane	<1	<1	0 %	<1	<1	0 %
Chloroform	<1	<1	0 %	<1	<1	0 %
Chloromethane	<1	<1	0 %	<1	<1	0 %
Chromium (total)	0.082	0.078	**5 %**	0.013	0.014	**7.41 %**
cis-1,2-Dichloroethene	<1	<1	0 %	<1	<1	0 %
Cobalt	<0.002	<0.002	0 %	<0.002	<0.002	0 %
Copper	0.021	0.023	**9.09 %**	0.072	0.076	**5.41 %**
Dibromochloromethane	<0.5	<0.5	0 %	<0.5	<0.5	0 %
Dibromochloropropane	<1	<1	0 %	<1	<1	0 %

Spectrum Finishing
Site #152029
50 Dale Street
West Babylon, NY 11704

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Blind Duplicates Results
Concentrations Reported in ug/L for VOCs and mg/L for Metals
Phoenix Laboratories, Inc.

Parameter	Original Sample MW-12D1 03/09/2017	Blind Duplicate MW-Y 03/09/2017	Relative Percent Difference	Original Sample MW-04S 03/10/17	Blind Duplicate MW-X 03/10/17	Relative Percent Difference
Dibromofluoromethane	102	105	**2.9 %**	99	95	**4.12 %**
Dibromomethane	<1	<1	0 %	<1	<1	0 %
Dichlorodifluoromethane	<1	<1	0 %	<1	<1	0 %
Ethylbenzene	<1	<1	0 %	<1	<1	0 %
Freon 113	<1	<1	0 %	<1	<1	0 %
Hexachlorobutadiene	<0.4	<0.4	0 %	<0.4	<0.4	0 %
Iron	0.065	0.049	**28.07 %**	0.929	0.992	**6.56 %**
Isopropylbenzene	<1	<1	0 %	<1	<1	0 %
Lead	<0.002	<0.002	0 %	0.009	0.01	**10.53 %**
m + p Xylene	<1	<1	0 %	<1	<1	0 %
Magnesium	3.07	3.06	**0.33 %**	2.33	2.26	**3.05 %**
Manganese	0.011	0.011	0 %	0.019	0.019	0 %
Mercury	<0.0002	<0.0002	0 %	<0.0002	<0.0002	0 %
Methyl Ethyl Ketone	<5	<5	0 %	<5	<5	0 %
Methylene Chloride	<1	<1	0 %	<1	<1	0 %
n Butylbenzene	<1	<1	0 %	<1	<1	0 %
n Propylbenzene	<1	<1	0 %	<1	<1	0 %
Naphthalene	<1	<1	0 %	<1	<1	0 %
Nickel	0.015	0.015	**0 %**	0.016	0.016	0 %
o-Xylene	<1	<1	0 %	<1	<1	0 %
p Isopropyltoluene	<1	<1	0 %	<1	<1	0 %
Potassium	4	3.7	**7.79 %**	1	1	0 %
s Butylbenzene	<1	<1	0 %	<1	<1	0 %
Selenium	<0.01	<0.01	0 %	<0.01	<0.01	0 %
Silver	<0.001	<0.001	0 %	<0.001	<0.001	0 %
Sodium	23.9	22.5	**6.03 %**	7.97	7.97	0 %
Styrene	<1	<1	0 %	<1	<1	0 %
t 1,3 Dichloropropene	<0.4	<0.4	0 %	<0.4	<0.4	0 %
t Butylbenzene	<1	<1	0 %	<1	<1	0 %
t butylmethylether	<1	<1	0 %	<1	<1	0 %
Tetrachloroethene	<1	<1	0 %	<1	<1	0 %
Tetrahydrofuran	<2.5	<2.5	0 %	<2.5	<2.5	0 %
Thallium	<0.0003	<0.0003	0 %	<0.0003	<0.0003	0 %
Toluene	<1	<1	0 %	<1	<1	0 %
TOLUENE-D8	96	101	**5.08 %**	99	99	0 %
Total BTEX	<4.7	<4.7	0 %	<4.7	<4.7	0 %
trans-1,2-Dichloroethene	<1	<1	0 %	<1	<1	0 %
trans-1,4-Dichloro-2-butene	<5	<5	0 %	<5	<5	0 %
Trichloroethylene	<1	<1	0 %	<1	<1	0 %
Trichlorofluoromethane	<1	<1	0 %	<1	<1	0 %
Vanadium	<0.002	<0.002	**0 %**	0.003	0.003	0 %
Vinyl Chloride	<1	<1	0 %	<1	<1	0 %
Zinc	0.016	0.015	**6.45 %**	0.109	0.117	**7.08 %**

Samples collected in March 2017
J - estimated value