FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. SITE

1181 FLUSHING AVENUE
BROOKLYN, NEW YORK

PHASE II INVESTIGATION DATA SUMMARY

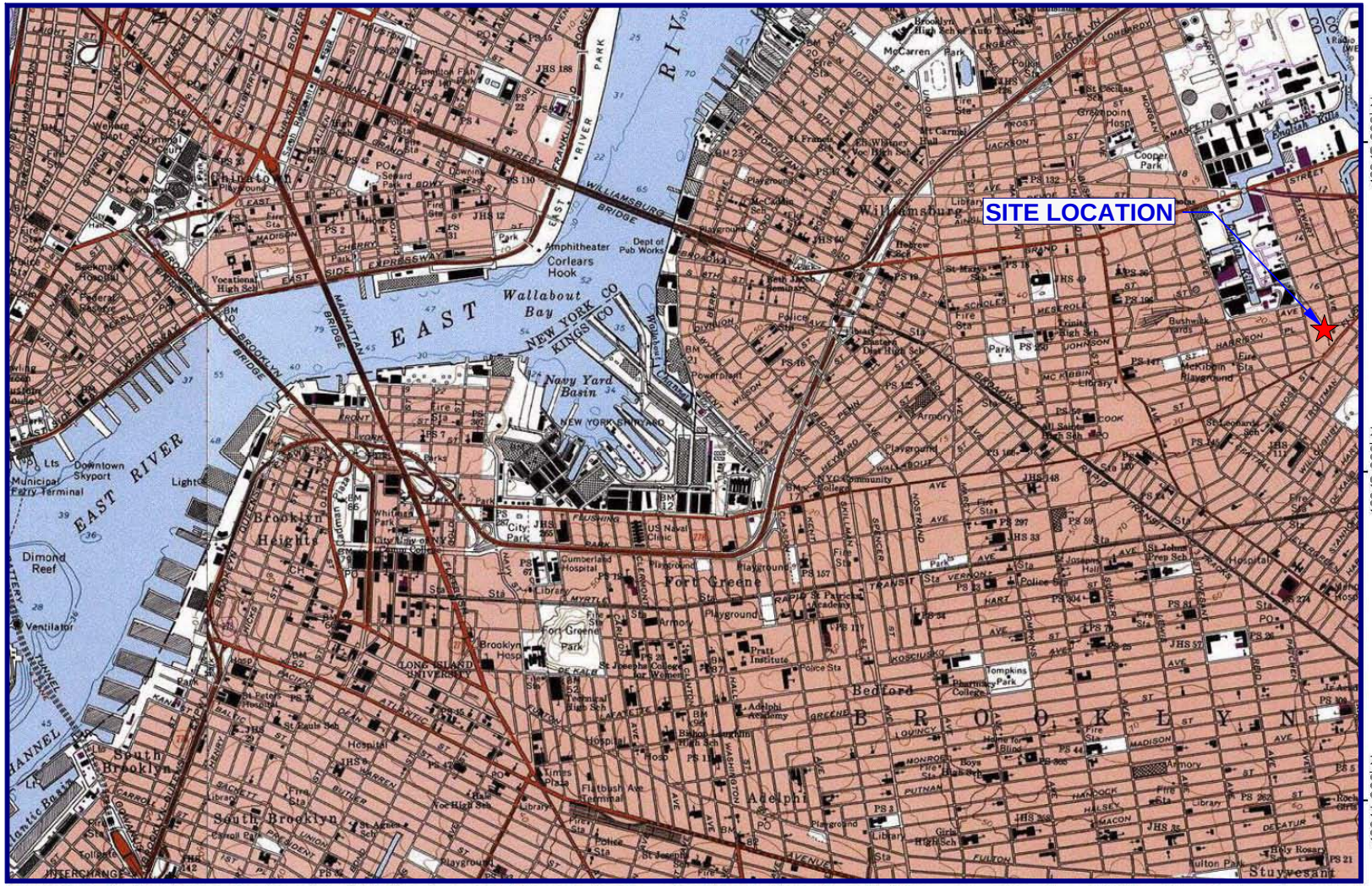
JANUARY 2015

Prepared By:

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
Ridge, NY 11961

FIGURES



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD. RIDGE. NY 11961
Phone 631.504.6000
Fax 631.924.2780

FORMER UNIVERSAL SCRAP PROCESSORS CORP.
1181 FLUSHING AVENUE, BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: FORMER UNIVERSAL SCRAP PROCESSORS CORP.

Site Address: 1181 FLUSHING AVENUE, BROOKLYN, NY

Drawing Title: SITE PLAN

Phase II Investigation Summary Tables

TABLE 1
1181 Flushing Avenue,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (10-11') µg/Kg		B2 (11-12') µg/Kg		B3 (8-9') µg/Kg		B6 (13-15') µg/Kg		B9 (4-6') µg/Kg		B9 (12-13') µg/Kg		B10 (0-4') µg/Kg		B10 (5-6') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1,1-Trichloroethane	680	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1,2,2-Tetrachloroethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1,2-Trichloroethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1-Dichloroethane	270	26,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1-Dichloroethene	330	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,1-Dichloropropene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2,3-Trichlorobenzene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2,3-Trichloropropane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2,4-Trichlorobenzene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2,4-Trimethylbenzene	3,600	52,000	**2**	6.0	**650**	280	**5.5**	5.6	**3.9**	6.3	**4,100**	290	**9,300**	270	**7,300**	280	**6,000**	280
1,2-Dibromo-3-chloropropane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2-Dibromomethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2-Dichlorobenzene	1,100	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2-Dichloroethane	20	3,100	< 6.0	6.0	< 5.7	5.7	**57**	280	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,2-Dichloropropane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,3,5-Trimethylbenzene	8,400	52,000	< 6.0	6.0	**41**	280	**1.4**	5.6	**0.91**	6.3	**1,300**	290	**2,800**	270	**2,500**	280	**2,400**	280
1,3-Dichlorobenzene	2,400	4,900	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,3-Dichloropropane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
1,4-Dichlorobenzene	1,800	13,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
2,2-Dichloropropane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
2-Chlorotoluene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
2-Hexanone (Methyl Butyl Ketone)			< 30	30	< 28	28	< 28	28	< 31	31	< 1500	1,500	< 1300	1,300	< 1400	1,400	< 1400	1,400
2-Isopropyltoluene			< 6.0	6.0	**6.3**	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	**38**	270	< 280	280	**42**	280
4-Chlorotoluene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
4-Methyl-2-Pentanone			< 30	30	< 28	28	< 28	28	< 31	31	< 1500	1,500	< 1300	1,300	< 1400	1,400	< 1400	1,400
Acetone	50	100,000	< 50	50	**41**	50	< 50	50	**9.8**	50	< 2900	2,900	< 2700	2,700	< 2800	2,800	< 2800	2,800
Acrylonitrile			< 12	12	< 11	11	< 11	11	< 13	13	< 580	580	< 530	530	< 570	570	< 560	560
Benzene	60	4,800	< 6.0	6.0	**1.9**	5.7	**230**	280	**3.5**	6.3	< 290	290	**190**	270	**220**	280	< 280	280
Bromobenzene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Bromochloromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Bromodichloromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Bromoform			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Bromomethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Carbon Disulfide			< 6.0	6.0	**2.9**	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Carbon tetrachloride	760	2,400	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Chlorobenzene	1,100	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Chloroethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Chloroform	370	49,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Chloromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
cis-1,2-Dichloroethene	250	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
cis-1,3-Dichloropropene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Dibromochloromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Dibromomethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Dichlorodifluoromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Ethylbenzene	1,000	41,000	< 6.0	6.0	**120**	280	**2.8**	5.6	**2.6**	6.3	**1,200**	290	**2,500**	270	**1,500**	280	**780**	280
Hexachlorobutadiene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Isopropylbenzene			< 6.0	6.0	**15**	5.7	< 5.6	5.6	< 6.3	6.3	**220**	290	**620**	270	**510**	280	**280**	280
m&p-Xylenes	260	100,000	**3.6**	6.0	**190**	280	**17**	5.6	**13**	6.3	**4,500**	290	**9,100**	270	**6,900**	280	**3,800**	280
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 36	36	**11**	34	< 34	34	< 38	38	< 1700	1,700	< 1600	1,600	< 1700	1,700	< 1700	1,700
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	< 11	11	< 11	11	< 13	13	< 580	580	**79**	530	**270**	570	< 560	560
Methylene chloride	50	100,000	**4.4**	6.0	**3.6**	5.7	**3.5**	5.6	**3.8**	6.3	**170**	290	**160**	270	**140**	280	**150**	280
Naphthalene	12,000	100,000	< 6.0	6.0	**280**	280	< 5.6	5.6	**1.9**	6.3	**680**	290	**2,100**	270	**1,300**	280	**1,300**	280
n-Butylbenzene	12,000	100,000	< 6.0	6.0	**190**	280	< 5.6	5.6	< 6.3	6.3	**170**	290	**450**	270	**360**	280	**390**	280
n-Propylbenzene	3,900	100,000	< 6.0	6.0	**160**	280	< 5.6	5.6	< 6.3	6.3	**560**	290	**1,300**	270	**920**	280	**650**	280
o-Xylene	260	100,000	< 6.0	6.0	**8.4**	5.7	**6.2**	5.6	**5.6**	6.3	**2,000**	290	**4,200**	270	**3,300**	280	**2,200**	280
p-Isopropyltoluene			< 6.0	6.0	**5.5**	5.7	< 5.6	5.6	< 6.3	6.3	**67**	290	**120**	270	**100**	280	**130**	280
sec-Butylbenzene	11,000	100,000	< 6.0	6.0	**67**	280	< 5.6	5.6	< 6.3	6.3	**83**	290	**180**	270	**140**	280	**150**	280
Styrene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
tert-Butylbenzene	5,900	100,000	< 6.0	6.0	**1.3**	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Tetrachloroethene	1,300	19,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Tetrahydrofuran (THF)			< 12	12	< 11	11	< 11	11	< 13	13	< 580	580	< 530	530	< 570	570	< 560	560
Toluene	700	100,000	**2.9**	6.0	**110**	280	**57**	280	**24**	6.3	**1,400**	290	**3,900**	270	**3,300**	280	**700**	280
trans-1,2-Dichloroethene	190	100,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
trans-1,3-Dichloropropene			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
trabs-1,4-dichloro-2-butene			< 12	12	< 11	11	< 11	11	< 13	13	< 580	580	< 530	530	< 570	570	< 560	560
Trichloroethene	470	21,000	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Trichlorofluoromethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Trichlorotrifluoroethane			< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Vinyl Chloride	20	900	< 6.0	6.0	< 5.7	5.7	< 5.6	5.6	< 6.3	6.3	< 290	290	< 270	270	< 280	280	< 280	280
Total BTEX Concentration			**6.5**		**430.3**		**313**		**48.7**		**9100**		**19890**		**15220**		**7480**	
Total VOCs Concentration			**12.9**		**1904.9**		**380.4**		**69.01**		**16450**		**37037**		**28760**		**18972**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 2
1181 Flushing Avenue,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (10-11') µg/Kg		B2 (11-12') µg/Kg		B3 (8-9') µg/Kg		B6 (13-15') µg/Kg		B9 (4-6') µg/Kg		B9 (12-13') µg/Kg		B10 (0-4') µg/Kg		B10 (5-6') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
1,2,4-Trichlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
1,2-Dichlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
1,2-Diphenylhydrazine			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
1,3-Dichlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
1,4-Dichlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,4,5-Trichlorophenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,4,6-Trichlorophenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,4-Dichlorophenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,4-Dimethylphenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,4-Dinitrophenol			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
2,4-Dinitrotoluene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2,6-Dinitrotoluene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2-Chloronaphthalene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2-Chlorophenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2-Methylnaphthalene			< 280	280	**270**	260	< 260	260	< 290	290	< 2700	2,700	**5,400**	2,400	**1,200**	1,300	**2,000**	2,600
2-Methylphenol (o-cresol)	330	100,000	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
2-Nitroaniline			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
2-Nitrophenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
3&4-Methylphenol (m&p-cresol)	330	100,000	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
3,3'-Dichlorobenzidine			< 790	790	< 760	760	< 730	730	< 830	830	< 7600	7,600	< 7000	7,000	< 3700	3,700	< 7300	7,300
3-Nitroaniline			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
4,6-Dinitro-2-methylphenol			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
4-Bromophenyl phenyl ether			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
4-Chloro-3-methylphenol			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
4-Chloroaniline			< 790	790	< 760	760	< 730	730	< 830	830	< 7600	7,600	< 7000	7,000	< 3700	3,700	< 7300	7,300
4-Chlorophenyl phenyl ether			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
4-Nitroaniline			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
4-Nitrophenol			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
Acenaphthene	20,000	100,000	< 280	280	**290**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Acenaphthylene	100,000	100,000	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Acetophenone			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Aniline			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
Anthracene	100,000	100,000	< 280	280	**630**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Benz(a)anthracene	1,000	1,000	< 280	280	**2,600**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	**920**	1,000	< 2600	2,600
Benzidine			< 790	790	< 760	760	< 730	730	< 830	830	< 7600	7,600	< 7000	7,000	< 3700	3,700	< 7300	7,300
Benzo(a)pyrene	1,000	1,000	< 280	280	**2,300**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	**840**	1,000	< 2600	2,600
Benzo(b)fluoranthene	1,000	1,000	< 280	280	**3,000**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	**1,200**	1,300	< 2600	2,600
Benzo(ghi)perylene	100,000	100,000	< 280	280	**1,600**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Benzo(k)fluoranthene	800	3,900	< 280	280	**1,000**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 800	800	< 2600	2,600
Benzoic acid			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
Benzyl butyl phthalate			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Bis(2-chloroethoxy)methane			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Bis(2-chloroethyl)ether			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Bis(2-chloroisopropyl)ether			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Bis(2-ethylhexyl)phthalate			< 280	280	**540**	260	< 260	260	< 290	290	**1,500**	2,700	**5,200**	2,400	**930**	1,300	**1,200**	2,600
Carbazole			< 2000	2,000	< 1900	1,900	< 1800	1,800	< 2100	2,100	< 19000	19,000	< 17000	17,000	< 9300	9,300	< 18000	18,000
Chrysene	1,000	3,900	< 280	280	**2,900**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	**1,100**	1,300	< 2600	2,600
Dibenz(a,h)anthracene	330	330	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Dibenzofuran	7,000	59,000	< 280	280	**330**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Diethyl phthalate			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Dimethylphthalate			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Di-n-butylphthalate			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Di-n-octylphthalate			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Fluoranthene	100,000	100,000	< 280	280	**4,100**	260	**130**	260	< 290	290	< 2700	2,700	< 2400	2,400	**1,300**	1,300	< 2600	2,600
Fluorene	30,000	100,000	< 280	280	**310**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Hexachlorobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Hexachlorobutadiene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Hexachlorocyclopentadiene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Hexachloroethane			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Indeno(1,2,3-cd)pyrene	500	500	< 280	280	**1,300**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 500	500	< 2600	2,600
Isophorone			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Naphthalene	12,000	100,000	< 280	280	**580**	260	< 260	260	< 290	290	< 2700	2,700	**3,000**	2,400	**1,100**	1,300	**1,100**	2,600
Nitrobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
N-Nitrosodimethylamine			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
N-Nitrosodi-n-propylamine			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
N-Nitrosodiphenylamine			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Pentachloronitrobenzene			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Pentachlorophenol	800	6,700	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 800	800	< 2600	2,600
Phenanthrene	100,000	100,000	< 280	280	**4,100**	260	**110**	260	< 290	290	< 2700	2,700	< 2400	2,400	**1,500**	1,300	< 2600	2,600
Phenol	330	100,000	< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600
Pyrene	100,000	100,000	< 280	280	**3,600**	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	**1,200**	1,300	< 2600	2,600
Pyridine			< 280	280	< 260	260	< 260	260	< 290	290	< 2700	2,700	< 2400	2,400	< 1300	1,300	< 2600	2,600

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
1181 Flushing Avenue,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (0-2') µg/Kg		B2 (0-4') µg/Kg		B3 (0-2') µg/Kg		B6 (0-5') µg/Kg		B9 (4-6') µg/Kg		B10 (0-4') µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCBs	PCB-1016	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1221	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1232	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1242	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1248	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1254	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1260	100	1,000	< 36	36	< 37	37	**42**	36	**78**	36	< 38	38	< 38	38
	PCB-1262	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38
	PCB-1268	100	1,000	< 36	36	< 37	37	< 36	36	< 36	36	< 38	38	< 38	38

Notes:

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RL- Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
1181 Flushing Avenue,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1 (0-2') mg/Kg		B2 (0-4') mg/Kg		B3 (0-2') mg/Kg		B6 (0-5) mg/Kg		B9 (4-6') mg/Kg		B10 (0-4') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			**7,150**	34	**8,030**	38	**6,920**	34	**7,420**	34	**7,760**	36	**7,730**	36
Antimony			< 1.7	1.7	< 1.9	1.9	< 1.7	1.7	< 1.7	1.7	< 1.8	1.8	**2.1**	1.8
Arsenic	13	16	**3.2**	0.7	**3.2**	0.8	**4**	0.7	**3.4**	0.7	**2.2**	0.7	**6.8**	0.7
Barium	350	350	**94.9**	0.7	**95.1**	0.8	**84**	0.7	**52.1**	0.7	**51.5**	0.7	**120**	0.7
Beryllium	7.2	14	**0.38**	0.27	**0.49**	0.31	**0.42**	0.27	**0.36**	0.27	**0.28**	0.29	**0.36**	0.28
Cadmium	2.5	2.5	**3**	0.34	< 0.38	0.38	**0.53**	0.34	< 0.34	0.34	**0.26**	0.36	**0.96**	0.36
Calcium			**48,100**	34	**22,400**	38	**40,400**	34	**9,870**	34	**4,180**	36	**67,000**	36
Chromium	30	180	**16.7**	0.34	**20.2**	0.38	**17.3**	0.34	**18**	0.34	**18.2**	0.36	**23**	0.36
Cobalt			**5.85**	0.34	**9.79**	0.38	**6.58**	0.34	**7.32**	0.34	**5.41**	0.36	**5.23**	0.36
Copper	50	270	**28.9**	0.34	**76.6**	0.38	**62**	0.34	**32.6**	0.34	**43.4**	0.36	**68.6**	0.36
Iron			**17,400**	34	**15,300**	38	**23,900**	34	**19,600**	34	**13,200**	36	**17,300**	36
Lead	63	400	**58**	0.7	**108**	7.7	**161**	6.7	**72.6**	0.7	**61.9**	0.7	**147**	7.1
Magnesium			**23,000**	34	**4,990**	38	**12,000**	34	**2,410**	34	**2,320**	36	**12,500**	36
Manganese	1,600	2,000	**300**	3.4	**327**	3.8	**397**	3.4	**405**	3.4	**166**	3.6	**250**	3.6
Mercury	0.18	0.81	**1.94**	0.07	**5.54**	0.37	**1.01**	0.08	**0.17**	0.08	**0.16**	0.07	**0.55**	0.08
Nickel	30	140	**11.6**	0.34	**25.1**	0.38	**13.5**	0.34	**11.5**	0.34	**12.9**	0.36	**16.1**	0.36
Potassium			**999**	7	**1,530**	77	**1,130**	7	**953**	7	**636**	7	**1,230**	7
Selenium	3.9	36	< 1.3	1.3	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Silver	2	36	< 0.34	0.34	< 0.38	0.38	< 0.34	0.34	< 0.34	0.34	< 0.36	0.36	< 0.36	0.36
Sodium			**262**	7	**535**	8	**249**	7	**148**	7	**156**	7	**410**	7
Thallium			< 1.3	1.3	< 1.5	1.5	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Vanadium			**25.1**	0.3	**24.9**	0.4	**34.3**	0.3	**27.6**	0.3	**23.9**	0.4	**60.7**	0.4
Zinc	109	2,200	**72.7**	0.7	**856**	7.7	**170**	6.7	**46.7**	0.7	**134**	7.2	**180**	7.1

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Table 5
1181 Flushing Avenue,
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		MW5		MW6	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,1-Dichloropropene		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2,4-Trimethylbenzene	5	< 1.0	1.0	**1.6**	1.0	**2,000**	100	**46**	2.0	**6.1**	2.0
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2-Dibromoethane		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 60	60	< 0.60	0.60	< .6	.6
1,2-Dichloropropane	0.94	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 1	1
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**710**	100	**9.7**	1.0	**1.7**	2.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	**0.5**	1.0	< 2.0	2.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
4-Methyl-2-Pentanone		< 1.0	1.0	< 1.0	1.0	< 100	100	**1.6**	1.0	**1.1**	2.0
Acetone	50	**3.2**	5.0	**6.5**	5.0	< 500	500	**5**	5.0	**6**	10
Acrolein		< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
Benzene	1	**0.27**	0.70	< 0.70	0.70	**250**	70	**35**	1.4	**12**	1.4
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Bromodichloromethane		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Bromoform		< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 10	10
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
Carbon Disulfide	60	< 1.0	1.0	< 1.0	1.0	< 100	100	**0.93**	1.0	< 2.0	2.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 5	5
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 7	7
Chloromethane	60	**2.2**	5.0	**1.2**	5.0	< 500	500	**0.89**	5.0	**1.3**	5
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	**2.1**	1.0	< 2.0	2.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 40	40	< 0.40	0.40	< 0.4	0.4
Dibromochloromethane		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Ethylbenzene	5	**0.75**	1.0	**0.21**	1.0	**880**	100	**9**	1.0	**2.8**	2.0
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 100	100	< 0.5	0.5	< 0.5	0.5
Isopropylbenzene	5	< 1.0	1.0	< 1.0	1.0	**100**	100	**2.3**	1.0	**1**	2.0
m&p-Xylenes	5	< 1.0	1.0	**0.73**	1.0	**2400**	100	**48**	1.0	**15**	2.0
Methyl Ethyl Ketone (2-Butanone)	50	< 1.0	1.0	< 1.0	1.0	**450**	100	< 1.0	1.0	< 2.0	2.0
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	< 1.0	1.0	< 100	100	**160**	10	**210**	10
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 300	300	< 3.0	3.0	< 5	5
Naphthalene	10	< 1.0	1.0	**0.41**	1.0	**370**	100	**19**	1.0	**1.8**	2.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	**37**	100	**1.1**	1.0	< 2.0	2.0
n-Propylbenzene	5	< 1.0	1.0	< 1.0	1.0	**280**	100	**2.5**	1.0	**0.82**	2.0
o-Xylene	5	< 1.0	1.0	**1**	1.0	**1100**	100	**19**	1.0	**9.2**	2.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 100	100	**1.4**	1.0	**11**	2.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	**1.3**	1.0	< 2.0	2.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Tetrachloroethene	5	< 1.0	1.0	**0.42**	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 500	500	< 5.0	5.0	< 10	10
Toluene	5	< 1.0	1.0	< 1.0	1.0	**150**	100	**13**	1.0	**2.5**	2.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 500	500	**0.81**	5.0	< 5	5
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 40	40	< 0.40	0.40	< 0.4	0.4
trans-1,4-dichloro-2-butene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 100	100	< 1.0	1.0	< 2.0	2.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 100	100	**0.19**	1.0	< 2.0	2.0

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Boring Logs

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the southwest corner of the Site along Flushing Avenue.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 10 ft	Well Specifications
Date Started: 12/29/2014	Date Completed: 12/29/2014			None
Completion Depth: 12 Feet	Geologist Reuben Levinton			

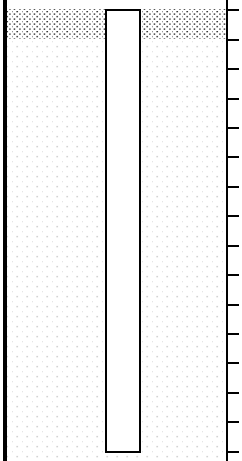
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	39		0.0	3" - Concrete 12" - Dark brown silty sand with rocl 24" - Brown sand **Retained soil sample B1(0-2')*
	4 to 8	34		0.0	34" - Brown sand
	8 to 12	43		0.0	24" - Brown sand, wet 29" - Brown sand, dry **Groundwater encountered at ~10 ft* **Retained soil sample B1(10-11')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed along the south end of the Site, between B1 and B3, in the suspected fuel tank area.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 11 ft	Well Specifications
Date Started: 12/29/2014	Date Completed: 12/29/2014			None
Completion Depth: 12 Feet	Geologist Reuben Levinton			

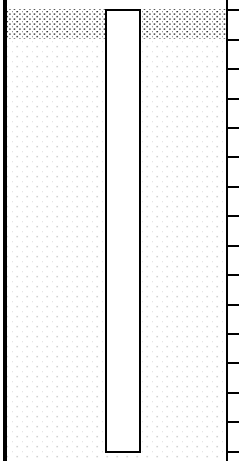
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	24		0.0	7" - Concrete 17" - Brown sand with fill materia **Retained soil sample B2(0-4')*
	4 to 8	21		0.0	17" - Brown sand with rock 4" - Rock
	8 to 12	16		20.0	12" - Brown sand with rock 4" - Black sand with odor **Groundwater encountered at ~11 ft* **Retained soil sample B2(11-12')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the southeast corner of the Site, along Flushing Avenue, in the suspected fuel tank area.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 8 ft	Well Specifications
Date Started: 12/29/2014	Date Completed: 12/29/2014			None
Completion Depth: 12 Feet	Geologist Reuben Levinton			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	28		0.0	4" - Concrete 11" - Brown gravely sand, rock and bricl 13" - Brown sand **Retained soil sample B3(0-2')*
	4 to 8	16		0.0	16" - Brown sand and rock
	8 to 12	4		0.0	4" - Wet brown sand **Groundwater encountered at ~8 ft* **Retained soil sample B3(8-9')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: Performed towards the south end of the Site, north of B2, within the existing building.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 12 ft	Well Specifications
Date Started: 12/30/2014	Date Completed: 12/30/2014			None
Completion Depth: 15 Feet	Geologist Reuben Levinton			

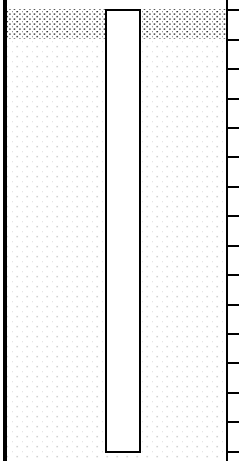
B6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	24		0.0	7" - Concrete 17" - Brown sand **Retained soil sample B6(0-5')*
	5 to 10	34		0.0	3" - Rock 31" - Brown sand
	10 to 15	40		155.0	13" - Brown sand 27" - Wet brown sand with odor **Retained soil sample B6(12-13')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B9 Boring Log

Location: Performed at the north end of lot 775, near the center of the parking area.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 12 ft	Well Specifications
Date Started: 12/30/2014	Date Completed: 12/30/2014			None
Completion Depth: 15 Feet	Geologist Reuben Levinton			

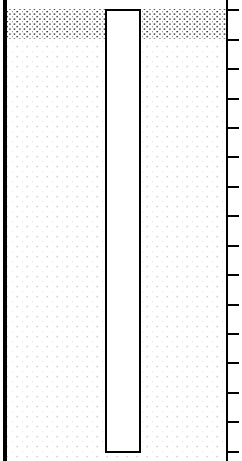
B9 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	25		18.4	5" - Concrete 20" - Black silty sand, moist, strong odo **Retained soil sample B9(0-5')*
	5 to 10	17		120.0	17" - Black and gray sand, moist, odo
	10 to 15	34		114.0	17" - Brown sand, strong odo 17" - Brown/black wet sand, strong odo **Retained soil sample B9(12-13')*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B10 Boring Log

Location: Performed at the north end of the Site, in lot 9.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: SSL1401	Address: 1181 Flushing Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		~ 5 ft	Well Specifications
Date Started: 12/30/2014	Date Completed: 12/30/2014			None
Completion Depth: 15 Feet	Geologist Reuben Levinton			

B10 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	46		300.0	22" - Concrete, wood and rock 21" - Brown/black sand 3" - Brown sand and rock **Retained soil sample B10(0-4')*
	5 to 10	33		36.0	33" - Wet brown sand
	10 to 15	20		0.0	20" - Wet brown silty sand **Retained soil sample B10(5-6')*

Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 07, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 1181 FLUSHING AVE BROOKLYN
Sample ID#s: BH58831 - BH58847

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

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

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

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

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

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

SDG Comments

January 07, 2015

SDG I.D.: GBH58831

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

BH58832 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58834 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58836 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58838 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58839 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58840 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58846 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58847 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	9:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58831

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	7150		34	6.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.2		0.7	0.67	mg/Kg	01/05/15	LK	SW6010
Barium	94.9	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.38		0.27	0.13	mg/Kg	01/05/15	LK	SW6010
Calcium	48100	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.21	B*	0.34	0.13	mg/Kg	01/05/15	LK	SW6010
Cobalt	5.85		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	16.7		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	28.9		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	17400		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	1.94	N*	0.07	0.04	mg/Kg	01/02/15	RS	SW-7471
Potassium	999	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	23000	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	300		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	262	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	11.6		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	58.0		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	01/05/15	LK	SW6010
Vanadium	25.1		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	72.7		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Percent Solid	92				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 FILL

Phoenix I.D.: BH58831

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	88			%	01/02/15	AW	30 - 150 %
% TCMX	81			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	9:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58832

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	84				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		6.0	0.98	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		6.0	0.58	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	2.0	J	6.0	0.86	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		6.0	0.65	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	ND		6.0	0.52	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	ND		6.0	0.79	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		6.0	0.88	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		6.0	0.63	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		6.0	0.94	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		6.0	1.0	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		6.0	0.95	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		30	2.7	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		6.0	0.82	ug/Kg	01/02/15	JLI	SW8260

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Phoenix I.D.: BH58832

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.0	0.69	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		30	1.4	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		50	5.9	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		12	3.3	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		6.0	0.77	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		6.0	0.87	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		6.0	0.74	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		6.0	0.83	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		6.0	4.6	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		6.0	0.96	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		6.0	0.69	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		6.0	0.88	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		6.0	1.4	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		6.0	3.1	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		6.0	0.64	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		6.0	0.67	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		6.0	0.75	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	3.6	J	6.0	2.3	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		36	5.2	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	4.4	JS	6.0	0.98	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	ND		6.0	2.3	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		6.0	0.86	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		6.0	1.7	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		6.0	0.95	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		12	5.4	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	2.9	J	6.0	0.94	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		6.0	0.93	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		6.0	1.9	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	101			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	280	98	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	2000	280	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	280	160	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	2000	400	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	280	250	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	2000	860	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	790	180	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	2000	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	2000	180	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	2000	800	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	790	230	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	2000	790	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	280	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Phoenix I.D.: BH58832

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	2000	300	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	280	100	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	280	97	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	76			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	68			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	53			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	73			%	01/02/15	DD	23 - 120 %
% Phenol-d5	62			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	89			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58833

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Aluminum	8030		38	7.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.2		0.8	0.77	mg/Kg	01/05/15	LK	SW6010
Barium	95.1	*	0.8	0.38	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.49		0.31	0.15	mg/Kg	01/05/15	LK	SW6010
Calcium	22400	*	38	35	mg/Kg	01/05/15	EK	SW6010
Cadmium	< 0.38	*	0.38	0.15	mg/Kg	01/05/15	LK	SW6010
Cobalt	9.79		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Chromium	20.2		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Copper	76.6		0.38	0.38	mg/kg	01/05/15	LK	SW6010
Iron	15300		38	38	mg/Kg	01/05/15	EK	SW6010
Mercury	5.54	N*	0.37	0.22	mg/Kg	01/02/15	RS	SW-7471
Potassium	1530	N	77	30	mg/Kg	01/05/15	EK	SW6010
Magnesium	4990	*	38	38	mg/Kg	01/05/15	EK	SW6010
Manganese	327		3.8	3.8	mg/Kg	01/05/15	EK	SW6010
Sodium	535	N	8	3.3	mg/Kg	01/05/15	LK	SW6010
Nickel	25.1		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Lead	108		7.7	3.8	mg/Kg	01/05/15	EK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	01/05/15	LK	SW6010
Vanadium	24.9		0.4	0.38	mg/Kg	01/05/15	LK	SW6010
Zinc	856		7.7	3.8	mg/Kg	01/05/15	EK	SW6010
Percent Solid	89				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 FILL

Phoenix I.D.: BH58833

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	87			%	01/02/15	AW	30 - 150 %
% TCMX	80			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	10:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58834

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	88				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		5.7	0.56	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	650		280	41	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		5.7	0.63	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	ND		5.7	0.50	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	41	J	280	38	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		5.7	0.84	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		5.7	0.60	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		5.7	0.90	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		5.7	0.95	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		5.7	0.91	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		28	2.6	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	6.3		5.7	0.78	ug/Kg	01/02/15	JLI	SW8260 [1]

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Phoenix I.D.: BH58834

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.7	0.66	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.4	ug/Kg	01/02/15	JLI	SW8260	
Acetone	41	JS	50	5.6	ug/Kg	01/02/15	JLI	SW8260	B*
Acrylonitrile	ND		11	3.2	ug/Kg	01/02/15	JLI	SW8260	
Benzene	1.9	J	5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		5.7	0.74	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		5.7	0.83	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		5.7	0.70	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		5.7	0.80	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		5.7	4.4	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	2.9	J	5.7	0.92	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		5.7	0.66	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		5.7	0.84	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		5.7	1.3	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		5.7	1.0	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		5.7	3.0	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.7	0.61	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		5.7	0.64	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		5.7	0.72	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	120	J	280	52	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	15		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	190	J	280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	11	J	34	4.9	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.6	JS	5.7	0.93	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	280	J	280	76	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	190	J	280	52	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	160	J	280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	8.4		5.7	2.2	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	5.5	J	5.7	0.82	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	67	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		5.7	1.6	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	1.3	J	5.7	0.91	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	110	J	280	45	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		11	11	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		5.7	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.7	0.89	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		5.7	1.8	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	103			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	93			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	260	94	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	260	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	150	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	270	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	1900	380	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	260	240	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	1900	820	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	760	180	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	290	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	1900	760	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	630	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	2600	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	760	220	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	2300	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	3000	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	1600	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	1000	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	1900	760	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	260	97	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	540	260	110	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Phoenix I.D.: BH58834

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	1900	290	ug/Kg	01/02/15	DD	SW 8270
Chrysene	2900	260	130	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	330	260	110	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	4100	260	120	ug/Kg	01/02/15	DD	SW 8270
Fluorene	310	260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1300	260	130	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	580	260	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	4100	260	110	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Pyrene	3600	260	130	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	260	93	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	93			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	78			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	78			%	01/02/15	DD	23 - 120 %
% Phenol-d5	81			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	63			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	11:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58835

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	6920		34	6.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	4.0		0.7	0.67	mg/Kg	01/05/15	LK	SW6010
Barium	84.0	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.42		0.27	0.13	mg/Kg	01/05/15	LK	SW6010
Calcium	40400	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.53	*	0.34	0.13	mg/Kg	01/05/15	LK	SW6010
Cobalt	6.58		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	17.3		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	62.0		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	23900		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	1.01	N*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	1130	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	12000	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	397		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	249	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	13.5		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	161		6.7	3.4	mg/Kg	01/05/15	EK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	01/05/15	LK	SW6010
Vanadium	34.3		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	170		6.7	3.4	mg/Kg	01/05/15	EK	SW6010
Percent Solid	91				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 FILL

Phoenix I.D.: BH58835

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	42	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	84			%	01/02/15	AW	30 - 150 %
% TCMX	78			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	11:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58836

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	89				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		5.6	0.92	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		5.6	0.55	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	5.5	J	5.6	0.81	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		5.6	0.62	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	57	J	280	25	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	1.4	J	5.6	0.74	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		5.6	0.83	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		5.6	0.60	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		5.6	0.89	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		5.6	0.94	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		5.6	0.90	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		28	2.5	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		5.6	0.78	ug/Kg	01/02/15	JLI	SW8260

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 WT

Phoenix I.D.: BH58836

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.6	0.65	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		50	5.6	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		11	3.2	ug/Kg	01/02/15	JLI	SW8260	
Benzene	230	J	280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		5.6	0.73	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		5.6	0.82	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		5.6	0.70	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		5.6	0.79	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		5.6	0.91	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		5.6	0.65	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		5.6	0.83	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.61	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		5.6	0.63	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		5.6	0.71	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2.8	J	5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	17		5.6	2.2	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.5	JS	5.6	0.92	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	6.2		5.6	2.1	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		5.6	0.81	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		5.6	1.6	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		5.6	0.90	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	57	J	280	44	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.6	0.88	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		5.6	1.8	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	89				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	98			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	94			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	260	91	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	260	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	1800	370	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	260	230	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	1800	790	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	730	170	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	730	210	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	260	94	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND		1800	280	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND		260	97	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND		260	94	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	130	J	260	120	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		260	100	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		260	100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	110	J	260	100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		260	90	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	97				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	82				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	78				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	83				%	01/02/15	DD	23 - 120 %
% Phenol-d5	88				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	78				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	8:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58837

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	7420		34	6.8	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.4		0.7	0.68	mg/Kg	01/05/15	LK	SW6010
Barium	52.1	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.36		0.27	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	9870	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	< 0.34	*	0.34	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	7.32		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	18.0		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	32.6		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	19600		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	0.17	N*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	953	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	2410	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	405		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	148	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	11.5		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	72.6		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	27.6		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	46.7		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Percent Solid	92				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 FILL

Phoenix I.D.: BH58837

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	78	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	80			%	01/02/15	AW	30 - 150 %
% TCMX	74			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	9:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58838

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 13-15 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	80				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		6.3	0.61	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	3.9	J	6.3	0.90	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		6.3	0.69	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	ND		6.3	0.55	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	0.91	J	6.3	0.83	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		6.3	0.93	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		6.3	0.66	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		6.3	0.99	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		31	2.8	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		6.3	0.86	ug/Kg	01/02/15	JLI	SW8260

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 13-15 FT

Phoenix I.D.: BH58838

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.3	0.73	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		31	1.5	ug/Kg	01/02/15	JLI	SW8260	
Acetone	9.8	JS	50	6.2	ug/Kg	01/02/15	JLI	SW8260	B*
Acrylonitrile	ND		13	3.5	ug/Kg	01/02/15	JLI	SW8260	
Benzene	3.5	J	6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		6.3	0.81	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		6.3	0.91	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		6.3	0.78	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		6.3	0.88	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		6.3	4.8	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		6.3	0.73	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		6.3	0.93	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		6.3	1.5	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		6.3	3.3	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		6.3	0.68	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		6.3	0.70	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		6.3	0.79	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2.6	J	6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	13		6.3	2.5	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		38	5.4	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.7	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.8	JS	6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	1.9	J	6.3	1.7	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	5.6	J	6.3	2.4	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		6.3	0.90	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		6.3	1.8	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		13	5.6	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	24		6.3	0.99	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		6.3	0.98	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		6.3	2.0	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	101				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	101			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	290	100	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	2100	290	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	160	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	2100	420	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	290	260	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	830	200	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	2100	910	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	450	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	830	190	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	2100	140	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	2100	190	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	2100	840	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	830	240	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	2100	830	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 13-15 FT

Phoenix I.D.: BH58838

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	2100	320	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	290	160	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	71			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	72			%	01/02/15	DD	23 - 120 %
% Phenol-d5	76			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	106			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58839

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Aluminum	7760		36	7.2	mg/Kg	01/05/15	EK	SW6010
Arsenic	2.2		0.7	0.72	mg/Kg	01/05/15	LK	SW6010
Barium	51.5	*	0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.28	B	0.29	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	4180	*	36	33	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.26	B*	0.36	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	5.41		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Chromium	18.2		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Copper	43.4		0.36	0.36	mg/kg	01/05/15	LK	SW6010
Iron	13200		36	36	mg/Kg	01/05/15	EK	SW6010
Mercury	0.16	N*	0.07	0.04	mg/Kg	01/02/15	RS	SW-7471
Potassium	636	N	7	2.8	mg/Kg	01/05/15	LK	SW6010
Magnesium	2320	*	36	36	mg/Kg	01/05/15	EK	SW6010
Manganese	166		3.6	3.6	mg/Kg	01/05/15	EK	SW6010
Sodium	156	N	7	3.1	mg/Kg	01/05/15	LK	SW6010
Nickel	12.9		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Lead	61.9		0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	23.9		0.4	0.36	mg/Kg	01/05/15	LK	SW6010
Zinc	134		7.2	3.6	mg/Kg	01/05/15	EK	SW6010
Percent Solid	86				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1221	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1232	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1242	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1248	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1254	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1260	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1262	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1268	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
QA/QC Surrogates								
% DCBP	86			%	01/02/15	AW	30 - 150 %	
% TCMX	76			%	01/02/15	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	290	48	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND	290	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND	290	63	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND	290	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	4100	290	42	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	78	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND	290	77	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND	290	32	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND	290	26	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	1300	290	38	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND	290	43	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND	290	31	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND	290	46	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND	290	49	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND	290	47	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND	1500	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	ND	290	40	ug/Kg	01/02/15	JLI	SW8260	1
4-Chlorotoluene	ND	290	34	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND	1500	69	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND	2900	290	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND	580	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND	290	38	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND	290	42	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND	290	36	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND	290	220	ug/Kg	01/02/15	JLI	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Carbon Disulfide	ND		290	47	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		290	34	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		290	43	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		290	68	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		290	53	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		290	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		290	63	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		290	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		290	33	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		290	37	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		290	77	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	1200		290	53	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		290	61	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	220	J	290	56	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	4500		290	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	250	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		580	80	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	170	JS	290	48	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	680		290	78	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	170	J	290	53	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	560		290	52	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	2000		290	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	67	J	290	42	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	83	J	290	55	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		290	84	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		290	47	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		290	61	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		580	260	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	1400		290	46	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		290	58	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		290	59	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		580	540	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		290	62	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		290	65	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		290	45	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		290	94	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	97				%	01/02/15	JLI	59 - 113 %	
% Dibromofluoromethane	97				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	94				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2700	2100	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		2700	950	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		19000	2700	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		2700	1500	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2700	1800	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		19000	3900	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		2700	2400	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2700	1500	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7600	1800	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		19000	8300	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		19000	4100	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		7600	1800	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		19000	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		19000	1700	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		19000	7700	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		7600	2200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		19000	7600	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		2700	980	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2700	1000	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1500	J	2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Carbazole	ND		19000	2900	ug/Kg	01/02/15	DD	SW 8270	
Chrysene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Dibenz(a,h)anthracene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Dibenzofuran	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Diethyl phthalate	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Dimethylphthalate	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Di-n-butylphthalate	ND		2700	1000	ug/Kg	01/02/15	DD	SW 8270	
Di-n-octylphthalate	ND		2700	980	ug/Kg	01/02/15	DD	SW 8270	
Fluoranthene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Fluorene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachlorobenzene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	2700	1500	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	2700	940	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

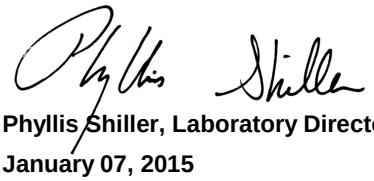
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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



Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	10:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58840

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	94				%	12/31/14	i	SW846	
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		270	44	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		270	26	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		270	58	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		270	52	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	9300		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		270	29	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		270	23	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2800		270	35	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		270	28	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		270	42	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		270	45	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1300	120	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	38	J	270	37	ug/Kg	01/02/15	JLI	SW8260	1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		270	31	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1300	63	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2700	260	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		530	150	ug/Kg	01/02/15	JLI	SW8260	
Benzene	190	J	270	53	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		270	35	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		270	33	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		270	37	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		270	200	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		270	31	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		270	62	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		270	48	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		270	140	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		270	58	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		270	29	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		270	30	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		270	34	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2500		270	48	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	620		270	51	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	9100		270	100	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1600	230	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	79	J	530	73	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	160	JS	270	44	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	2100		270	71	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	450		270	48	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	1300		270	48	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	4200		270	100	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	120	J	270	38	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	180	J	270	50	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		270	77	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		530	240	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	3900		270	42	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		270	54	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		530	490	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		270	59	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		270	41	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		270	86	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	99				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	100			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	2400	980	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	2400	1900	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	2400	860	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	17000	2400	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	2400	1400	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	5400	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	2400	1600	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	17000	3500	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	2400	2200	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	2400	1400	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	7000	1600	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	17000	7600	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	17000	3700	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	7000	1600	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	17000	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	17000	1600	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	17000	7000	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	7000	2000	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	17000	7000	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	2400	900	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	2400	960	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	2400	940	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	5200	2400	1000	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 WT

Phoenix I.D.: BH58840

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	17000	2600	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	2400	920	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	2400	900	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	3000	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	2400	980	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	2400	860	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/29/14	12:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58841

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Phoenix I.D.: BH58841

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	3.2	JS	5.0	0.31	ug/L	01/02/15	MH	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	0.27	J	0.70	0.19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	2.2	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	0.75	J	1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	92				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	83				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Phoenix I.D.: BH58841

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	95			%	01/02/15	MH	84 - 138 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/29/14	12:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58842

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	1.6	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 2

Phoenix I.D.: BH58842

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	6.5	S	5.0	0.31	ug/L	01/02/15	MH	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	1.2	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	0.21	J	1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	0.73	J	1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	0.41	J	1.0	0.19	ug/L	01/02/15	MH	SW8260	B*
n-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	1.0		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	0.42	J	1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	95				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 2

Phoenix I.D.: BH58842

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	96			%	01/02/15	MH	84 - 138 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	8:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58843

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	100	19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	500	19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	100	15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	500	23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	100	24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	100	20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	100	21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	100	18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	2000	100	18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	100	36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	100	16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	60	20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	100	18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	710	100	21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	100	19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	100	22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	100	19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	100	16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	100	23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	100	27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	100	21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	100	16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	100	19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 3

Phoenix I.D.: BH58843

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		500	31	ug/L	01/02/15	MH	SW8260	
Acrolein	ND		500	95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		500	17	ug/L	01/02/15	MH	SW8260	
Benzene	250		70	19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		100	20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		100	22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		100	16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		500	10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		500	50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		100	24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		100	23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		500	20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		500	24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		500	22	ug/L	01/02/15	MH	SW8260	
Chloromethane	ND		500	21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		100	23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		40	15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		100	15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		100	26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	880		100	19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		100	13	ug/L	01/02/15	MH	SW8260	
Isopropylbenzene	100		100	22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	2400		100	42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	450		100	50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		100	19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		300	30	ug/L	01/02/15	MH	SW8260	
Naphthalene	370		100	19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	37	J	100	22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	280		100	20	ug/L	01/02/15	MH	SW8260	
o-Xylene	1100		100	45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		100	21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		100	22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		100	41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		100	23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		100	24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		500	51	ug/L	01/02/15	MH	SW8260	1
Toluene	150		100	20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		500	20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		40	14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		100	45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		100	18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		100	14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	93				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	95				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 3

Phoenix I.D.: BH58843

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

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Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58844

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	46		2.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	9.7		1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	0.50	J	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	1.6		1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Phoenix I.D.: BH58844

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	5.0	JS	5.0	0.31	ug/L	01/02/15	MH	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	35		1.4	0.38	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	0.93	J	1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	0.89	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	2.1		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	9.0		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	
Isopropylbenzene	2.3		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	48		1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	160		10	1.9	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	19		1.0	0.19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	1.1		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	2.5		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	19		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	1.4		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	1.3		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	13		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	0.81	J	5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	0.19	J	1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	95				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Phoenix I.D.: BH58844

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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.

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BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	11:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58845

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND		5	0.38	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND		2.0	0.30	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.40	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND		5	0.46	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND		2.0	0.42	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	6.1		2.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND		2.0	0.72	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND		.6	0.40	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND		1	0.36	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	1.7	J	2.0	0.42	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND		2.0	0.54	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND		2.0	0.42	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	1.1	J	2.0	0.38	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Phoenix I.D.: BH58845

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	6.0	JS	10	0.62	ug/L	01/02/15	MH	SW8260	
Acrolein	ND		5	1.9	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5	0.34	ug/L	01/02/15	MH	SW8260	
Benzene	12		1.4	0.38	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		10	0.20	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5	1.0	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5	0.40	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5	0.48	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		7	0.44	ug/L	01/02/15	MH	SW8260	
Chloromethane	1.3	J	5	0.42	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.4	0.30	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		2.0	0.30	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		2.0	0.52	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	2.8		2.0	0.38	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.26	ug/L	01/02/15	MH	SW8260	
Isopropylbenzene	1.0	J	2.0	0.44	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	15		2.0	0.84	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		2.0	1.0	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	210		10	1.9	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		5	0.32	ug/L	01/02/15	MH	SW8260	
Naphthalene	1.8	J	2.0	0.38	ug/L	01/02/15	MH	SW8260	B*
n-Butylbenzene	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	0.82	J	2.0	0.40	ug/L	01/02/15	MH	SW8260	
o-Xylene	9.2		2.0	0.90	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	11		2.0	0.42	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
Styrene	ND		2.0	0.82	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		10	1.0	ug/L	01/02/15	MH	SW8260	1
Toluene	2.5		2.0	0.40	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5	0.40	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.4	0.28	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		2.0	0.90	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		2.0	0.36	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		2.0	0.28	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Phoenix I.D.: BH58845

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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

January 07, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	12:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58846

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Aluminum	7730		36	7.1	mg/Kg	01/05/15	EK	SW6010
Arsenic	6.8		0.7	0.71	mg/Kg	01/05/15	LK	SW6010
Barium	120	*	0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.36		0.28	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	67000	*	36	33	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.96	*	0.36	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	5.23		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Chromium	23.0		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Copper	68.6		0.36	0.36	mg/kg	01/05/15	LK	SW6010
Iron	17300		36	36	mg/Kg	01/05/15	EK	SW6010
Mercury	0.55	N*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	1230	N	7	2.8	mg/Kg	01/05/15	LK	SW6010
Magnesium	12500	*	36	36	mg/Kg	01/05/15	EK	SW6010
Manganese	250		3.6	3.6	mg/Kg	01/05/15	EK	SW6010
Sodium	410	N	7	3.1	mg/Kg	01/05/15	LK	SW6010
Nickel	16.1		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Lead	147		7.1	3.6	mg/Kg	01/05/15	EK	SW6010
Antimony	2.1		1.8	1.8	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4	B	1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	60.7		0.4	0.36	mg/Kg	01/05/15	LK	SW6010
Zinc	180		7.1	3.6	mg/Kg	01/05/15	EK	SW6010
Percent Solid	88				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Soil Extraction for SVOA	Completed					12/31/14	/PS	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Polychlorinated Biphenyls									
PCB-1016	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1221	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1232	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1242	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1248	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1254	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1260	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1262	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1268	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
QA/QC Surrogates									
% DCBP	81				%	01/02/15	AW	30 - 150 %	
% TCMX	72				%	01/02/15	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		280	47	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		280	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		280	55	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	7300		280	41	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		280	25	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2500		280	38	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		280	48	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1400	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	ND		280	39	ug/Kg	01/02/15	JLI	SW8260	1
4-Chlorotoluene	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1400	68	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2800	280	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		570	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	220	J	280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		280	37	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		280	41	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		280	220	ug/Kg	01/02/15	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Carbon Disulfide	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		280	66	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		280	52	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		280	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		280	32	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		280	36	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	1500		280	52	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	510		280	55	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	6900		280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	250	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	270	J	570	78	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	140	JS	280	47	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	1300		280	76	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	360		280	52	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	920		280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	3300		280	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	100	J	280	41	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	140	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		280	82	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		570	260	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	3300		280	45	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		280	58	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		570	530	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		280	63	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		280	92	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	100				%	01/02/15	JLI	59 - 113 %	
% Dibromofluoromethane	95				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	97				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		1300	560	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		1300	1000	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND		1300	600	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		1300	460	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		9300	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		1300	740	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		1300	590	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	1200	J	1300	560	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		1300	880	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		9300	1900	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		1300	1200	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		1300	740	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		3700	880	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		9300	4100	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		9300	2000	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		3700	870	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		1300	630	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		9300	620	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		9300	840	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		1300	570	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		1300	580	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		9300	3800	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	920	J	1000	630	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		3700	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	840	J	1000	610	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	1200	J	1300	640	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		800	620	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		9300	3700	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		1300	480	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		1300	500	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	930	J	1300	540	ug/Kg	01/02/15	DD	SW 8270	
Carbazole	ND		9300	1400	ug/Kg	01/02/15	DD	SW 8270	
Chrysene	1100	J	1300	630	ug/Kg	01/02/15	DD	SW 8270	
Dibenz(a,h)anthracene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Dibenzofuran	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
Diethyl phthalate	ND		1300	590	ug/Kg	01/02/15	DD	SW 8270	
Dimethylphthalate	ND		1300	580	ug/Kg	01/02/15	DD	SW 8270	
Di-n-butylphthalate	ND		1300	500	ug/Kg	01/02/15	DD	SW 8270	
Di-n-octylphthalate	ND		1300	480	ug/Kg	01/02/15	DD	SW 8270	
Fluoranthene	1300	J	1300	610	ug/Kg	01/02/15	DD	SW 8270	
Fluorene	ND		1300	620	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 FILL

Phoenix I.D.: BH58846

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		1300	680	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		1300	570	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		1300	560	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		500	500	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	1100	J	1300	540	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		1300	650	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		1300	720	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		1300	700	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		800	710	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	1500		1300	530	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		1300	600	ug/Kg	01/02/15	DD	SW 8270
Pyrene	1200	J	1300	640	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		1300	460	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	diluted out				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	diluted out				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	diluted out				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	diluted out				%	01/02/15	DD	23 - 120 %
% Phenol-d5	diluted out				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	diluted out				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 07, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	12:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58847

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	89				%	12/31/14	i	SW846	
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		280	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		280	61	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		280	54	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	6000		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		280	25	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2400		280	37	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		280	47	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1400	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	42	J	280	39	ug/Kg	01/02/15	JLI	SW8260	1

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Phoenix I.D.: BH58847

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1400	67	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2800	280	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		560	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		280	37	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		280	41	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		280	39	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		280	220	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		280	66	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		280	51	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		280	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		280	61	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	780		280	51	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		280	59	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	280	J	280	54	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	3800		280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	240	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		560	78	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	150	JS	280	46	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	1300		280	75	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	390		280	51	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	650		280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	2200		280	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	130	J	280	40	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	150	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		280	81	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		280	59	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		560	250	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	700		280	44	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		560	520	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		280	91	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	99				%	01/02/15	JLI	59 - 113 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	100				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	96				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2600	2000	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		2600	910	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		18000	2600	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	2000	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2600	1700	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		18000	3700	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		2600	2300	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7300	1700	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		18000	8000	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		18000	4000	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		7300	1700	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		18000	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		18000	1700	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		18000	7400	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		7300	2200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		18000	7300	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		2600	950	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2600	990	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1200	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Phoenix I.D.: BH58847

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND		18000	2800	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND		2600	980	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND		2600	950	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	1100	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		2600	900	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	Diluted Out				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out				%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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

Phyllis Shiller, Laboratory Director
January 07, 2015
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.94	0.07	0.81	0.81	mg/Kg
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.94	0.07	0.81	0.81	mg/Kg
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.94	0.07	0.18	0.18	mg/Kg
BH58833	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	76.6	0.38	50	50	mg/kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	5.54	0.37	0.81	0.81	mg/Kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	5.54	0.37	0.81	0.81	mg/Kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	5.54	0.37	0.18	0.18	mg/Kg
BH58833	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	108	7.7	63	63	mg/Kg
BH58833	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	856	7.7	109	109	mg/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2300	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2900	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2600	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2300	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2600	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	260	800	800	ug/Kg
BH58834	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	260	1000	1000	ug/Kg
BH58835	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	62.0	0.34	50	50	mg/kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.01	0.08	0.81	0.81	mg/Kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.01	0.08	0.81	0.81	mg/Kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.01	0.08	0.18	0.18	mg/Kg
BH58835	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	161	6.7	63	63	mg/Kg
BH58835	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	170	6.7	109	109	mg/Kg
BH58836	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	230	280	60	60	ug/Kg
BH58836	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	57	280	20	20	ug/Kg
BH58837	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	72.6	0.7	63	63	mg/Kg
BH58839	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	290	210	210	ug/Kg
BH58839	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	170	290	50	50	ug/Kg
BH58839	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg
BH58839	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1400	290	700	700	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58839	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58839	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1200	290	1000	1000	ug/Kg
BH58839	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	60	60	ug/Kg
BH58839	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg
BH58839	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg
BH58839	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4100	290	3600	3600	ug/Kg
BH58839	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	270	270	ug/Kg
BH58839	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	250	250	ug/Kg
BH58839	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	190	190	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	500	500	ug/Kg
BH58839	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2700	2400	2400	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	500	500	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	800	800	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	800	800	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	500	500	ug/Kg
BH58839	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	134	7.2	109	109	mg/Kg
BH58840	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	270	210	210	ug/Kg
BH58840	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	120	120	ug/Kg
BH58840	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	270	50	50	ug/Kg
BH58840	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	20	20	ug/Kg
BH58840	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	190	190	ug/Kg
BH58840	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9300	270	3600	3600	ug/Kg
BH58840	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	250	250	ug/Kg
BH58840	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3900	270	700	700	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58840	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	190	270	60	60	ug/Kg
BH58840	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2700	50	50	ug/Kg
BH58840	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	20	20	ug/Kg
BH58840	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2500	270	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	800	800	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	800	800	ug/Kg
BH58840	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58841	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58841	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58841	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58842	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58842	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58842	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58843	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Dichlorodifluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	2	2	ug/L
BH58843	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	100	2	2	ug/L
BH58843	$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
BH58843	$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	Trichlorofluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichlorotrifluoroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichlorotrifluoroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
BH58843	$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Carbon Disulfide	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	300	5	5	ug/L
BH58843	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	300	5	5	ug/L
BH58843	$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	2,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Tetrahydrofuran (THF)	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Methyl ethyl ketone	NY / TAGM - Volatile Organics / Groundwater Standards	450	100	50	50	ug/L
BH58843	$8260DP25R	Methyl ethyl ketone	NY / TOGS - Water Quality / GA Criteria	450	100	50	50	ug/L
BH58843	$8260DP25R	Bromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	7	7	ug/L
BH58843	$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	500	7	7	ug/L
BH58843	$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Carbon tetrachloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Carbon tetrachloride	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	250	70	0.7	0.7	ug/L
BH58843	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	250	70	1	1	ug/L
BH58843	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	60	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	60	0.6	0.6	ug/L
BH58843	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	1	1	ug/L
BH58843	$8260DP25R	Dibromomethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromodichloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	40	0.4	0.4	ug/L
BH58843	$8260DP25R	4-Methyl-2-pentanone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	150	100	5	5	ug/L
BH58843	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	150	100	5	5	ug/L
BH58843	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	40	0.4	0.4	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	1	1	ug/L
BH58843	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.0006	0.0006	ug/L
BH58843	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	2-Hexanone	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	Dibromochloromethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Dibromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1,1,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	880	100	5	5	ug/L
BH58843	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	880	100	5	5	ug/L
BH58843	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	1100	100	5	5	ug/L
BH58843	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	1100	100	5	5	ug/L
BH58843	$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromoform	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	100	100	5	5	ug/L
BH58843	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromobenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,3-Trichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.04	0.04	ug/L
BH58843	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	280	100	5	5	ug/L
BH58843	$8260DP25R	2-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	710	100	5	5	ug/L
BH58843	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	4-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	2000	100	5	5	ug/L
BH58843	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	3	3	ug/L
BH58843	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,4-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	37	100	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	4.7	4.7	ug/L
BH58843	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.04	0.04	ug/L
BH58843	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	100	0.5	0.5	ug/L
BH58843	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	370	100	5	5	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	370	100	10	10	ug/L
BH58844	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	35	1.4	0.7	0.7	ug/L
BH58844	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	35	1.4	1	1	ug/L
BH58844	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	13	1.0	5	5	ug/L
BH58844	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58844	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.0	1.0	5	5	ug/L
BH58844	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.0	1.0	5	5	ug/L
BH58844	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5	ug/L
BH58844	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58844	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.7	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	46	2.0	5	5	ug/L
BH58844	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58844	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5	ug/L
BH58844	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	19	1.0	10	10	ug/L
BH58845	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.4	0.7	0.7	ug/L
BH58845	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	12	1.4	1	1	ug/L
BH58845	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BH58845	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	9.2	2.0	5	5	ug/L
BH58845	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	9.2	2.0	5	5	ug/L
BH58845	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH58845	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	6.1	2.0	5	5	ug/L
BH58845	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	11	2.0	5	5	ug/L
BH58845	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH58846	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BH58846	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	ug/Kg
BH58846	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58846	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58846	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BH58846	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3300	280	700	700	ug/Kg
BH58846	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	140	280	50	50	ug/Kg
BH58846	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	220	280	60	60	ug/Kg
BH58846	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58846	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	7300	280	3600	3600	ug/Kg
BH58846	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg
BH58846	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/Kg
BH58846	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BH58846	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58846	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1100	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BH58846	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	68.6	0.36	50	50	mg/kg
BH58846	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.55	0.08	0.18	0.18	mg/Kg
BH58846	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	147	7.1	63	63	mg/Kg
BH58846	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	180	7.1	109	109	mg/Kg
BH58847	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BH58847	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58847	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	150	280	50	50	ug/Kg
BH58847	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58847	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BH58847	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg
BH58847	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	ug/Kg
BH58847	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58847	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6000	280	3600	3600	ug/Kg
BH58847	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	ug/Kg
BH58847	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BH58847	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BH58847	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58847	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 07, 2015

SDG I.D.: GBH58831

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

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4° C Pg 1 of 2

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

Contact Options:
[ ] Fax:
[X] Phone: (631) 504-6200
[X] Email: Esosik@ebcinc.com

Customer: EBC
Address: Ridge NY

Project: 181 Flushing Ave, Brooklyn NY
Report to: EBC
Invoice to: EBC

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reubenbarrington Date: 12/31/14

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	VOCs	SVOCs	PCBs	TAL Metals	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2oz) oz	GL Soil container (32) 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
58831	B1 Fill	S	12.31.14	9:00			X	X			1							
58832	B1 WT			9:30	X	X					1	1						
58833	B2 Fill			10:00	X	X	X	X			1	1						
58834	B2 WT			10:30	X	X					1	1						
58835	B3 Fill			11:00			X	X			1							
58836	B3 WT			11:30	X	X					1	1						
58837	B6 Fill		12.31.14	8:30			X	X			1							
58838	B6 13-15'			9:00	X	X					1	1						
58839	B9 4-6'			10:00	X	X	X	X			1	1						
58840	B9 WT			10:30	X	X					1	1						

Relinquished by:	Accepted by:	Date:	Time:
		12.31.14	16:45
	Paradiso	12-31-14	1454

Comments, Special Requirements or Regulations:
*B2 Fill analysis for PCBs & TAL metals only

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

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

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

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

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

State where samples were collected: NY

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4 °C Pg 2 of 2

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

Contact Options:
[ ] Fax:
[ ] Phone: (631) 504-6000
[ ] Email: Csosik@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 1181 Flushing Ave, Brooklyn NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reuben Levinton Date: 12/31/14

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	VOCs 8260	SVOCs 8270	PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2) oz	GL Soil container (2) oz	40 ml VOA Vial [X] HCl	GL Amber 1000ml [X] As is	PL As is [X] 250ml	PL H2SO4 [ ] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
58841	GW1	GW	11-29-14	12:00	X														3						
58842	GW2			12:30	X														3						
58843	GW3		11-30-14	8:30	X														3						
58844	GW5			10:00	X														3						
58845	GW6			11:00	X														3						
58846	B10 Fill	S		12:00	X	X	X	X									1	1							
58847	B10 WT			12:30	X	X											1	1							

Relinquished by:	Accepted by:	Date:	Time:
		12-31-14	1014
		12-31-14	1454

Comments, Special Requirements or Regulations:

* NO GW4

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

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

NY
[ ] TAGM 4046 GW
[ ] TOGS GA GW
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential
[X] Restricted/Residential
[ ] Commercial
[ ] 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: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, February 03, 2015

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 1181 FLUSHING AVE BROOKLYN
Sample ID#s: BH58831 - BH58847

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

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

NY # 11301

SDG Comments

February 03, 2015

SDG I.D.: GBH58831

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

BH58832 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58834 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58836 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58838 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58839 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58840 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58846 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH58847 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 1181 FLUSHING AVE BROOKLYN

Laboratory Project: GBH58831

Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

February 03, 2015 **SDG I.D.: GBH58831**

Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8270D.

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

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NY Analytical Services Protocol Format

February 03, 2015 **SDG I.D.: GBH58831**

Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B 1 FILL	BH58831	SOLID
B 1 WT	BH58832	SOLID
B 2 FILL	BH58833	SOLID
B 2 WT	BH58834	SOLID
B 3 FILL	BH58835	SOLID
B 3 WT	BH58836	SOLID
B 6 FILL	BH58837	SOLID
B 6 13-15 FT	BH58838	SOLID
B 9 4-6 FT	BH58839	SOLID
B 9 WT	BH58840	SOLID
GW 1	BH58841	GROUND WATER
GW 2	BH58842	GROUND WATER
GW 3	BH58843	GROUND WATER
GW 5	BH58844	GROUND WATER
GW 6	BH58845	GROUND WATER
B 10 FILL	BH58846	SOLID
B 10 WT	BH58847	SOLID

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NY Analytical Services Protocol Format

February 03, 2015 **SDG I.D.: GBH58831**

Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BH58831	Aluminum	12/29/14	12/31/14	01/05/15	EK	Y
BH58831	Antimony	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Arsenic	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Barium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Beryllium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Cadmium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Calcium	12/29/14	12/31/14	01/05/15	EK	Y
BH58831	Chromium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Cobalt	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Copper	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Iron	12/29/14	12/31/14	01/05/15	EK	Y
BH58831	Lead	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Magnesium	12/29/14	12/31/14	01/05/15	EK	Y
BH58831	Manganese	12/29/14	12/31/14	01/05/15	EK	Y
BH58831	Mercury	12/29/14	01/02/15	01/02/15	RS	Y
BH58831	Nickel	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Polychlorinated Biphenyls	12/29/14	12/31/14	01/02/15	AW	Y
BH58831	Potassium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Selenium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Silver	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Sodium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Thallium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Vanadium	12/29/14	12/31/14	01/05/15	LK	Y
BH58831	Zinc	12/29/14	12/31/14	01/05/15	LK	Y
BH58832	Semivolatiles	12/29/14	12/31/14	01/02/15	DD	Y
BH58832	Volatiles	12/29/14	01/02/15	01/02/15	JLI	Y
BH58833	Aluminum	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Antimony	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Arsenic	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Barium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Beryllium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Cadmium	12/29/14	12/31/14	01/05/15	LK	Y

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NY Analytical Services Protocol Format

February 03, 2015 **SDG I.D.: GBH58831**

Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

BH58833	Calcium	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Chromium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Cobalt	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Copper	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Iron	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Lead	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Magnesium	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Manganese	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Mercury	12/29/14	01/02/15	01/02/15	RS	Y
BH58833	Nickel	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Polychlorinated Biphenyls	12/29/14	12/31/14	01/02/15	AW	Y
BH58833	Potassium	12/29/14	12/31/14	01/05/15	EK	Y
BH58833	Selenium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Silver	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Sodium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Thallium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Vanadium	12/29/14	12/31/14	01/05/15	LK	Y
BH58833	Zinc	12/29/14	12/31/14	01/05/15	EK	Y
BH58834	Semivolatiles	12/29/14	12/31/14	01/02/15	DD	Y
BH58834	Volatiles	12/29/14	01/02/15	01/02/15	JLI	Y
BH58835	Aluminum	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Antimony	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Arsenic	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Barium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Beryllium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Cadmium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Calcium	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Chromium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Cobalt	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Copper	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Iron	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Lead	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Magnesium	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Manganese	12/29/14	12/31/14	01/05/15	EK	Y
BH58835	Mercury	12/29/14	01/02/15	01/02/15	RS	Y
BH58835	Nickel	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Polychlorinated Biphenyls	12/29/14	12/31/14	01/02/15	AW	Y

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February 03, 2015 **SDG I.D.: GBH58831**

Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

BH58835	Potassium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Selenium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Silver	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Sodium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Thallium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Vanadium	12/29/14	12/31/14	01/05/15	LK	Y
BH58835	Zinc	12/29/14	12/31/14	01/05/15	EK	Y
BH58836	Semivolatiles	12/29/14	12/31/14	01/02/15	DD	Y
BH58836	Volatiles	12/29/14	01/02/15	01/02/15	JLI	Y
BH58837	Aluminum	12/30/14	12/31/14	01/05/15	EK	Y
BH58837	Antimony	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Arsenic	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Barium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Beryllium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Cadmium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Calcium	12/30/14	12/31/14	01/05/15	EK	Y
BH58837	Chromium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Cobalt	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Copper	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Iron	12/30/14	12/31/14	01/05/15	EK	Y
BH58837	Lead	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Magnesium	12/30/14	12/31/14	01/05/15	EK	Y
BH58837	Manganese	12/30/14	12/31/14	01/05/15	EK	Y
BH58837	Mercury	12/30/14	01/02/15	01/02/15	RS	Y
BH58837	Nickel	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Polychlorinated Biphenyls	12/30/14	12/31/14	01/02/15	AW	Y
BH58837	Potassium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Selenium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Silver	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Sodium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Thallium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Vanadium	12/30/14	12/31/14	01/05/15	LK	Y
BH58837	Zinc	12/30/14	12/31/14	01/05/15	LK	Y
BH58838	Semivolatiles	12/30/14	12/31/14	01/02/15	DD	Y
BH58838	Volatiles	12/30/14	01/02/15	01/02/15	JLI	Y
BH58839	Aluminum	12/30/14	12/31/14	01/05/15	EK	Y
BH58839	Antimony	12/30/14	12/31/14	01/05/15	LK	Y

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Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

BH58839	Arsenic	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Barium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Beryllium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Cadmium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Calcium	12/30/14	12/31/14	01/05/15	EK	Y
BH58839	Chromium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Cobalt	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Copper	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Iron	12/30/14	12/31/14	01/05/15	EK	Y
BH58839	Lead	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Magnesium	12/30/14	12/31/14	01/05/15	EK	Y
BH58839	Manganese	12/30/14	12/31/14	01/05/15	EK	Y
BH58839	Mercury	12/30/14	01/02/15	01/02/15	RS	Y
BH58839	Nickel	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Polychlorinated Biphenyls	12/30/14	12/31/14	01/02/15	AW	Y
BH58839	Potassium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Selenium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Semivolatiles	12/30/14	12/31/14	01/02/15	DD	Y
BH58839	Silver	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Sodium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Thallium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Vanadium	12/30/14	12/31/14	01/05/15	LK	Y
BH58839	Volatiles	12/30/14	01/02/15	01/02/15	JLI	Y
BH58839	Zinc	12/30/14	12/31/14	01/05/15	EK	Y
BH58840	Semivolatiles	12/30/14	12/31/14	01/02/15	DD	Y
BH58840	Volatiles	12/30/14	01/02/15	01/02/15	JLI	Y
BH58841	Volatiles	12/29/14	01/02/15	01/02/15	MH	Y
BH58842	Volatiles	12/29/14	01/02/15	01/02/15	MH	Y
BH58843	Volatiles	12/30/14	01/02/15	01/02/15	MH	Y
BH58844	Volatiles	12/30/14	01/02/15	01/02/15	MH	Y
BH58845	Volatiles	12/30/14	01/02/15	01/02/15	MH	Y
BH58846	Aluminum	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Antimony	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Arsenic	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Barium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Beryllium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Cadmium	12/30/14	12/31/14	01/05/15	LK	Y

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Environmental Business Consultants 1181 FLUSHING AVE BROOKLYN

BH58846	Calcium	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Chromium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Cobalt	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Copper	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Iron	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Lead	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Magnesium	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Manganese	12/30/14	12/31/14	01/05/15	EK	Y
BH58846	Mercury	12/30/14	01/02/15	01/02/15	RS	Y
BH58846	Nickel	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Polychlorinated Biphenyls	12/30/14	12/31/14	01/02/15	AW	Y
BH58846	Potassium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Selenium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Semivolatiles	12/30/14	12/31/14	01/02/15	DD	Y
BH58846	Silver	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Sodium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Thallium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Vanadium	12/30/14	12/31/14	01/05/15	LK	Y
BH58846	Volatiles	12/30/14	01/02/15	01/02/15	JLI	Y
BH58846	Zinc	12/30/14	12/31/14	01/05/15	EK	Y
BH58847	Semivolatiles	12/30/14	12/31/14	01/02/15	DD	Y
BH58847	Volatiles	12/30/14	01/02/15	01/02/15	JLI	Y

PHOENIX

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Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	9:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58831

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	7150		34	6.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.2		0.7	0.67	mg/Kg	01/05/15	LK	SW6010
Barium	94.9	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.38		0.27	0.13	mg/Kg	01/05/15	LK	SW6010
Calcium	48100	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	3	B	0.34	0.13	mg/Kg	01/05/15	EL	SW6010
Cobalt	5.85		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	16.7		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	28.9		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	17400		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	1.94	*	0.07	0.04	mg/Kg	01/02/15	RS	SW-7471
Potassium	999	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	23000	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	300		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	262	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	11.6		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	58.0		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	01/05/15	LK	SW6010
Vanadium	25.1		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	72.7		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Percent Solid	92				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 FILL

Phoenix I.D.: BH58831

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	88			%	01/02/15	AW	30 - 150 %
% TCMX	81			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	9:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58832

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	84				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		6.0	0.98	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		6.0	0.58	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	2.0	J	6.0	0.86	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		6.0	0.65	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	ND		6.0	0.52	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		6.0	0.85	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	ND		6.0	0.79	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		6.0	0.88	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		6.0	0.63	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		6.0	0.94	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		6.0	1.0	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		6.0	0.95	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		30	2.7	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		6.0	0.82	ug/Kg	01/02/15	JLI	SW8260

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Phoenix I.D.: BH58832

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.0	0.69	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		30	1.4	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		50	5.9	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		12	3.3	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		6.0	0.77	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		6.0	0.87	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		6.0	0.74	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		6.0	0.83	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		6.0	4.6	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		6.0	0.96	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		6.0	0.69	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		6.0	0.88	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		6.0	1.4	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		6.0	3.1	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		6.0	0.64	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		6.0	0.67	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		6.0	0.75	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	3.6	J	6.0	2.3	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		36	5.2	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	4.4	JBS	6.0	0.98	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	ND		6.0	1.6	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	ND		6.0	2.3	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		6.0	0.86	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		6.0	1.1	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		6.0	1.7	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		6.0	0.95	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		12	5.4	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	2.9	J	6.0	0.94	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		6.0	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		6.0	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		6.0	0.93	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		6.0	1.9	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	JLI	59 - 113 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Phoenix I.D.: BH58832

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	101			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	280	98	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	2000	280	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	280	160	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	2000	400	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	280	250	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	2000	860	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	790	180	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	2000	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	2000	180	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	280	120	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	2000	800	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	790	230	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	2000	790	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	280	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 1 WT

Phoenix I.D.: BH58832

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	2000	300	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	280	100	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	280	120	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	280	150	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	280	110	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	280	130	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	280	140	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	280	97	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	76			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	68			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	53			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	73			%	01/02/15	DD	23 - 120 %
% Phenol-d5	62			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	89			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58833

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Aluminum	8030		38	7.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.2		0.8	0.77	mg/Kg	01/05/15	LK	SW6010
Barium	95.1	*	0.8	0.38	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.49		0.31	0.15	mg/Kg	01/05/15	LK	SW6010
Calcium	22400	*	38	35	mg/Kg	01/05/15	EK	SW6010
Cadmium	< 0.38		0.38	0.15	mg/Kg	01/05/15	LK	SW6010
Cobalt	9.79		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Chromium	20.2		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Copper	76.6		0.38	0.38	mg/kg	01/05/15	LK	SW6010
Iron	15300		38	38	mg/Kg	01/05/15	EK	SW6010
Mercury	5.54	*	0.37	0.22	mg/Kg	01/02/15	RS	SW-7471
Potassium	1530	N	77	30	mg/Kg	01/05/15	EK	SW6010
Magnesium	4990	*	38	38	mg/Kg	01/05/15	EK	SW6010
Manganese	327		3.8	3.8	mg/Kg	01/05/15	EK	SW6010
Sodium	535	N	8	3.3	mg/Kg	01/05/15	LK	SW6010
Nickel	25.1		0.38	0.38	mg/Kg	01/05/15	LK	SW6010
Lead	108		7.7	3.8	mg/Kg	01/05/15	EK	SW6010
Antimony	< 1.9		1.9	1.9	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.5		1.5	1.3	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	01/05/15	LK	SW6010
Vanadium	24.9		0.4	0.38	mg/Kg	01/05/15	LK	SW6010
Zinc	856		7.7	3.8	mg/Kg	01/05/15	EK	SW6010
Percent Solid	89				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 FILL

Phoenix I.D.: BH58833

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	87			%	01/02/15	AW	30 - 150 %
% TCMX	80			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	10:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58834

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	88				%	12/31/14	i	SW846	
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		5.7	0.56	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	650		280	41	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.7	0.63	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		5.7	0.50	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		5.7	0.81	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	41	J	280	38	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.7	0.84	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		5.7	0.60	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.7	0.90	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		5.7	0.95	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		5.7	0.91	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		28	2.6	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	6.3		5.7	0.78	ug/Kg	01/02/15	JLI	SW8260	1

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Phoenix I.D.: BH58834

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.7	0.66	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.4	ug/Kg	01/02/15	JLI	SW8260	
Acetone	41	JBS	50	5.6	ug/Kg	01/02/15	JLI	SW8260	B*
Acrylonitrile	ND		11	3.2	ug/Kg	01/02/15	JLI	SW8260	
Benzene	1.9	J	5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		5.7	0.74	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		5.7	0.83	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		5.7	0.70	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		5.7	0.80	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		5.7	4.4	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	2.9	J	5.7	0.92	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		5.7	0.66	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		5.7	0.84	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		5.7	1.3	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		5.7	1.0	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		5.7	3.0	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.7	0.61	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		5.7	0.64	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		5.7	0.72	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		5.7	1.5	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	120	J	280	52	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	15		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	190	J	280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	11	J	34	4.9	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.6	JBS	5.7	0.93	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	280	J	280	76	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	190	J	280	52	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	160	J	280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	8.4		5.7	2.2	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	5.5	J	5.7	0.82	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	67	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		5.7	1.6	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	1.3	J	5.7	0.91	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	110	J	280	45	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.7	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		11	11	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		5.7	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		5.7	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.7	0.89	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		5.7	1.8	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	103			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	93			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	260	94	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	260	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	150	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	270	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	1900	380	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	260	240	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	1900	820	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	760	180	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	290	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	1900	760	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	630	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	2600	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	760	220	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	2300	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	3000	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	1600	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	1000	260	130	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	1900	760	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	260	97	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	540	260	110	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 2 WT

Phoenix I.D.: BH58834

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	1900	290	ug/Kg	01/02/15	DD	SW 8270
Chrysene	2900	260	130	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	330	260	110	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	260	100	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	260	97	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	4100	260	120	ug/Kg	01/02/15	DD	SW 8270
Fluorene	310	260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1300	260	130	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	580	260	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	260	110	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	4100	260	110	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270
Pyrene	3600	260	130	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	260	93	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	93			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	78			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	78			%	01/02/15	DD	23 - 120 %
% Phenol-d5	81			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	63			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	11:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58835

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	6920		34	6.7	mg/Kg	01/05/15	EK	SW6010
Arsenic	4.0		0.7	0.67	mg/Kg	01/05/15	LK	SW6010
Barium	84.0	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.42		0.27	0.13	mg/Kg	01/05/15	LK	SW6010
Calcium	40400	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.53		0.34	0.13	mg/Kg	01/05/15	LK	SW6010
Cobalt	6.58		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	17.3		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	62.0		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	23900		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	1.01	*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	1130	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	12000	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	397		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	249	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	13.5		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	161		6.7	3.4	mg/Kg	01/05/15	EK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.3		1.3	1.1	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.3		1.3	1.3	mg/Kg	01/05/15	LK	SW6010
Vanadium	34.3		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	170		6.7	3.4	mg/Kg	01/05/15	EK	SW6010
Percent Solid	91				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 FILL

Phoenix I.D.: BH58835

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	42	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	84			%	01/02/15	AW	30 - 150 %
% TCMX	78			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/29/14	11:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58836

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	89				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		5.6	0.92	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		5.6	0.55	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	5.5	J	5.6	0.81	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		5.6	0.62	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	57	J	280	25	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		5.6	0.80	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	1.4	J	5.6	0.74	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		5.6	0.83	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		5.6	0.60	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		5.6	0.89	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		5.6	0.94	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		5.6	0.90	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		28	2.5	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		5.6	0.78	ug/Kg	01/02/15	JLI	SW8260

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 WT

Phoenix I.D.: BH58836

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.6	0.65	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		50	5.6	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		11	3.2	ug/Kg	01/02/15	JLI	SW8260	
Benzene	230	J	280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		5.6	0.73	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		5.6	0.82	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		5.6	0.70	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		5.6	0.79	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		5.6	0.91	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		5.6	0.65	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		5.6	0.83	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.61	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		5.6	0.63	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		5.6	0.71	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2.8	J	5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	17		5.6	2.2	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.5	JBS	5.6	0.92	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	ND		5.6	1.5	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		5.6	1.0	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	6.2		5.6	2.1	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		5.6	0.81	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		5.6	1.6	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		5.6	0.90	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	57	J	280	44	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.6	1.1	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		5.6	1.2	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.6	0.88	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		5.6	1.8	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	89				%	01/02/15	JLI	59 - 113 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 3 WT

Phoenix I.D.: BH58836

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	98			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	94			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	260	91	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	260	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	140	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	1800	370	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	260	230	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	1800	790	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	730	170	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	730	210	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	260	94	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND		1800	280	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND		260	97	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND		260	94	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	130	J	260	120	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		260	100	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND		260	110	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		260	100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		260	140	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	110	J	260	100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		260	120	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND		260	130	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		260	90	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	97				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	82				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	78				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	83				%	01/02/15	DD	23 - 120 %
% Phenol-d5	88				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	78				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	8:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58837

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Aluminum	7420		34	6.8	mg/Kg	01/05/15	EK	SW6010
Arsenic	3.4		0.7	0.68	mg/Kg	01/05/15	LK	SW6010
Barium	52.1	*	0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.36		0.27	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	9870	*	34	31	mg/Kg	01/05/15	EK	SW6010
Cadmium	< 0.34		0.34	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	7.32		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Chromium	18.0		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Copper	32.6		0.34	0.34	mg/kg	01/05/15	LK	SW6010
Iron	19600		34	34	mg/Kg	01/05/15	EK	SW6010
Mercury	0.17	*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	953	N	7	2.6	mg/Kg	01/05/15	LK	SW6010
Magnesium	2410	*	34	34	mg/Kg	01/05/15	EK	SW6010
Manganese	405		3.4	3.4	mg/Kg	01/05/15	EK	SW6010
Sodium	148	N	7	2.9	mg/Kg	01/05/15	LK	SW6010
Nickel	11.5		0.34	0.34	mg/Kg	01/05/15	LK	SW6010
Lead	72.6		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	27.6		0.3	0.34	mg/Kg	01/05/15	LK	SW6010
Zinc	46.7		0.7	0.34	mg/Kg	01/05/15	LK	SW6010
Percent Solid	92				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 FILL

Phoenix I.D.: BH58837

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1260	78	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/02/15	AW	SW 8082
QA/QC Surrogates							
% DCBP	80			%	01/02/15	AW	30 - 150 %
% TCMX	74			%	01/02/15	AW	30 - 150 %

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

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	9:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58838

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 13-15 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	80				%	12/31/14	i	SW846
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Volatiles								
1,1,1,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260
1,1,1-Trichloroethane	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,1,2-Trichloroethane	ND		6.3	0.61	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethane	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloroethene	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260
1,1-Dichloropropene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichlorobenzene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,2,3-Trichloropropane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trichlorobenzene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260
1,2,4-Trimethylbenzene	3.9	J	6.3	0.90	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichlorobenzene	ND		6.3	0.69	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloroethane	ND		6.3	0.55	ug/Kg	01/02/15	JLI	SW8260
1,2-Dichloropropane	ND		6.3	0.89	ug/Kg	01/02/15	JLI	SW8260
1,3,5-Trimethylbenzene	0.91	J	6.3	0.83	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichlorobenzene	ND		6.3	0.93	ug/Kg	01/02/15	JLI	SW8260
1,3-Dichloropropane	ND		6.3	0.66	ug/Kg	01/02/15	JLI	SW8260
1,4-Dichlorobenzene	ND		6.3	0.99	ug/Kg	01/02/15	JLI	SW8260
2,2-Dichloropropane	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260
2-Chlorotoluene	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260
2-Hexanone	ND		31	2.8	ug/Kg	01/02/15	JLI	SW8260
2-Isopropyltoluene	ND		6.3	0.86	ug/Kg	01/02/15	JLI	SW8260 [1]

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 6 13-15 FT

Phoenix I.D.: BH58838

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.3	0.73	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		31	1.5	ug/Kg	01/02/15	JLI	SW8260	
Acetone	9.8	JBS	50	6.2	ug/Kg	01/02/15	JLI	SW8260	B*
Acrylonitrile	ND		13	3.5	ug/Kg	01/02/15	JLI	SW8260	
Benzene	3.5	J	6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		6.3	0.81	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		6.3	0.91	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		6.3	0.78	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		6.3	0.88	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		6.3	4.8	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		6.3	0.73	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		6.3	0.93	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		6.3	1.5	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		6.3	3.3	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		6.3	0.68	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		6.3	0.70	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		6.3	0.79	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		6.3	1.7	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2.6	J	6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	13		6.3	2.5	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		38	5.4	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.7	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	3.8	JBS	6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	B*
Naphthalene	1.9	J	6.3	1.7	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	ND		6.3	1.1	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	5.6	J	6.3	2.4	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	ND		6.3	0.90	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	ND		6.3	1.2	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		6.3	1.8	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		6.3	1.0	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		13	5.6	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	24		6.3	0.99	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		6.3	1.3	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		6.3	1.4	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		6.3	0.98	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		6.3	2.0	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	101				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	101			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	290	100	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	2100	290	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	160	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	2100	420	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	290	260	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	830	200	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	2100	910	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	450	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	830	190	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	2100	140	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	2100	190	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	2100	840	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	830	240	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	2100	830	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	2100	320	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	290	110	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	290	150	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	290	160	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	290	120	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	290	130	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	290	140	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	71			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	72			%	01/02/15	DD	23 - 120 %
% Phenol-d5	76			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	106			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58839

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Aluminum	7760		36	7.2	mg/Kg	01/05/15	EK	SW6010
Arsenic	2.2		0.7	0.72	mg/Kg	01/05/15	LK	SW6010
Barium	51.5	*	0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.28	B	0.29	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	4180	*	36	33	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.26	B	0.36	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	5.41		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Chromium	18.2		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Copper	43.4		0.36	0.36	mg/kg	01/05/15	LK	SW6010
Iron	13200		36	36	mg/Kg	01/05/15	EK	SW6010
Mercury	0.16	*	0.07	0.04	mg/Kg	01/02/15	RS	SW-7471
Potassium	636	N	7	2.8	mg/Kg	01/05/15	LK	SW6010
Magnesium	2320	*	36	36	mg/Kg	01/05/15	EK	SW6010
Manganese	166		3.6	3.6	mg/Kg	01/05/15	EK	SW6010
Sodium	156	N	7	3.1	mg/Kg	01/05/15	LK	SW6010
Nickel	12.9		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Lead	61.9		0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	23.9		0.4	0.36	mg/Kg	01/05/15	LK	SW6010
Zinc	134		7.2	3.6	mg/Kg	01/05/15	EK	SW6010
Percent Solid	86				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1221	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1232	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1242	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1248	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1254	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1260	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1262	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1268	ND	38	38	ug/Kg	01/02/15	AW	SW 8082	
QA/QC Surrogates								
% DCBP	86			%	01/02/15	AW	30 - 150 %	
% TCMX	76			%	01/02/15	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	290	48	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND	290	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND	290	63	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND	290	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	4100	290	42	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	78	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND	290	77	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND	290	32	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND	290	26	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	1300	290	38	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND	290	43	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND	290	31	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND	290	46	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND	290	49	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND	290	47	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND	1500	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	ND	290	40	ug/Kg	01/02/15	JLI	SW8260	1
4-Chlorotoluene	ND	290	34	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND	1500	69	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND	2900	290	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND	580	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND	290	58	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND	290	38	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND	290	42	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND	290	36	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND	290	41	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND	290	220	ug/Kg	01/02/15	JLI	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Carbon Disulfide	ND		290	47	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		290	34	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		290	43	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		290	68	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		290	53	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		290	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		290	63	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		290	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		290	33	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		290	37	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		290	77	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	1200		290	53	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		290	61	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	220	J	290	56	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	4500		290	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	250	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		580	80	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	170	JBS	290	48	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	680		290	78	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	170	J	290	53	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	560		290	52	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	2000		290	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	67	J	290	42	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	83	J	290	55	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		290	84	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		290	47	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		290	61	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		580	260	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	1400		290	46	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		290	58	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		290	59	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		580	540	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		290	62	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		290	65	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		290	45	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		290	94	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	97				%	01/02/15	JLI	59 - 113 %	
% Dibromofluoromethane	97				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	94				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2700	2100	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		2700	950	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		19000	2700	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		2700	1500	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2700	1800	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		19000	3900	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		2700	2400	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2700	1500	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7600	1800	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		19000	8300	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		19000	4100	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		7600	1800	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		19000	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		19000	1700	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		19000	7700	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		7600	2200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		19000	7600	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		2700	980	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2700	1000	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1500	J	2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Carbazole	ND		19000	2900	ug/Kg	01/02/15	DD	SW 8270	
Chrysene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	
Dibenz(a,h)anthracene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Dibenzofuran	ND		2700	1100	ug/Kg	01/02/15	DD	SW 8270	
Diethyl phthalate	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Dimethylphthalate	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Di-n-butylphthalate	ND		2700	1000	ug/Kg	01/02/15	DD	SW 8270	
Di-n-octylphthalate	ND		2700	980	ug/Kg	01/02/15	DD	SW 8270	
Fluoranthene	ND		2700	1200	ug/Kg	01/02/15	DD	SW 8270	
Fluorene	ND		2700	1300	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 4-6 FT

Phoenix I.D.: BH58839

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachlorobenzene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	2700	1500	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	2700	1400	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	2700	1100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	2700	1200	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	2700	1300	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	2700	940	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

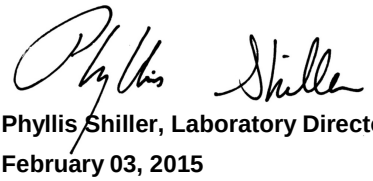
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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



Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	10:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58840

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 9 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	94				%	12/31/14	i	SW846	
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		270	44	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		270	26	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		270	58	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		270	52	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	9300		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		270	29	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		270	23	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		270	38	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2800		270	35	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		270	28	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		270	42	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		270	45	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1300	120	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	38	J	270	37	ug/Kg	01/02/15	JLI	SW8260	1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		270	31	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1300	63	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2700	260	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		530	150	ug/Kg	01/02/15	JLI	SW8260	
Benzene	190	J	270	53	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		270	35	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		270	33	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		270	37	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		270	200	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		270	31	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		270	39	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		270	62	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		270	48	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		270	140	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		270	58	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		270	29	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		270	30	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		270	34	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		270	71	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	2500		270	48	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	620		270	51	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	9100		270	100	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1600	230	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	79	J	530	73	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	160	JBS	270	44	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	2100		270	71	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	450		270	48	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	1300		270	48	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	4200		270	100	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	120	J	270	38	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	180	J	270	50	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		270	77	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		270	43	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		530	240	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	3900		270	42	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		270	53	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		270	54	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		530	490	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		270	56	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		270	59	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		270	41	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		270	86	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	99				%	01/02/15	JLI	59 - 113 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	100			%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	95			%	01/02/15	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND	2400	980	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND	2400	1900	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND	2400	860	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND	17000	2400	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND	2400	1400	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	5400	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	2400	1600	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND	17000	3500	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND	2400	2200	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	2400	1400	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	7000	1600	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND	17000	7600	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	17000	3700	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND	7000	1600	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND	17000	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND	17000	1600	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND	17000	7000	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND	7000	2000	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND	17000	7000	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND	2400	900	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	2400	960	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	2400	940	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	5200	2400	1000	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND	17000	2600	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND	2400	920	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND	2400	900	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND	2400	970	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	3000	2400	1000	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND	2400	980	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND	2400	1300	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND	2400	990	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND	2400	1100	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND	2400	1200	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND	2400	860	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	Diluted Out			%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/29/14	12:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58841

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Phoenix I.D.: BH58841

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	3.2	JBS	5.0	0.31	ug/L	01/02/15	MH	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	0.27	J	0.70	0.19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	2.2	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	0.75	J	1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	B
Isopropylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	92				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	83				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 1

Phoenix I.D.: BH58841

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	95			%	01/02/15	MH	84 - 138 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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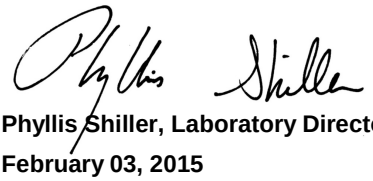

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/29/14	12:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58842

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	1.6	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 2

Phoenix I.D.: BH58842

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	6.5	BS	5.0	0.31	ug/L	01/02/15	MH	SW8260	B
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	1.2	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	0.21	J	1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	B
Isopropylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	0.73	J	1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	0.41	JB	1.0	0.19	ug/L	01/02/15	MH	SW8260	B*
n-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	1.0		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	0.42	J	1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	95				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	96			%	01/02/15	MH	84 - 138 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	8:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58843

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	100	19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND	500	19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	100	15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND	500	23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND	100	24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND	100	20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND	100	21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND	100	18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	2000	100	18	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	100	36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND	100	20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND	100	16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND	60	20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND	100	18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	710	100	21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND	100	19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND	100	22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND	100	19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND	100	16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND	100	23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND	100	27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND	100	21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND	100	16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	ND	100	19	ug/L	01/02/15	MH	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		500	31	ug/L	01/02/15	MH	SW8260	B
Acrolein	ND		500	95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		500	17	ug/L	01/02/15	MH	SW8260	
Benzene	250		70	19	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		100	20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		100	22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		100	16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		500	10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		500	50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		100	24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		100	23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		500	20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		500	24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		500	22	ug/L	01/02/15	MH	SW8260	
Chloromethane	ND		500	21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		100	23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		40	15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		100	15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		100	26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	880		100	19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		100	13	ug/L	01/02/15	MH	SW8260	B
Isopropylbenzene	100		100	22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	2400		100	42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	450		100	50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		100	19	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		300	30	ug/L	01/02/15	MH	SW8260	
Naphthalene	370	B	100	19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	37	J	100	22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	280		100	20	ug/L	01/02/15	MH	SW8260	
o-Xylene	1100		100	45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	ND		100	21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		100	22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		100	41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		100	23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		100	24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		500	51	ug/L	01/02/15	MH	SW8260	1
Toluene	150		100	20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		500	20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		40	14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		100	45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		100	18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		100	23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		100	14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	93				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	95				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 3

Phoenix I.D.: BH58843

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	10:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58844

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	46	D	2.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	9.7		1.0	0.21	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND		1.0	0.19	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	0.50	J	1.0	0.21	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	1.6		1.0	0.19	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Phoenix I.D.: BH58844

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	5.0	JBS	5.0	0.31	ug/L	01/02/15	MH	SW8260	B
Acrolein	ND		5.0	0.95	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/02/15	MH	SW8260	
Benzene	35	D	1.4	0.38	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	0.93	J	1.0	0.24	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/02/15	MH	SW8260	
Chloromethane	0.89	J	5.0	0.21	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	2.1		1.0	0.23	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	9.0		1.0	0.19	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/02/15	MH	SW8260	B
Isopropylbenzene	2.3		1.0	0.22	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	48		1.0	0.42	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	160	D	10	1.9	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/02/15	MH	SW8260	
Naphthalene	19	B	1.0	0.19	ug/L	01/02/15	MH	SW8260	B
n-Butylbenzene	1.1		1.0	0.22	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	2.5		1.0	0.20	ug/L	01/02/15	MH	SW8260	
o-Xylene	19		1.0	0.45	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	1.4		1.0	0.21	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	1.3		1.0	0.22	ug/L	01/02/15	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/02/15	MH	SW8260	1
Toluene	13		1.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	0.81	J	5.0	0.20	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	0.19	J	1.0	0.14	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	95				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 5

Phoenix I.D.: BH58844

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RL	12/30/14	11:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58845

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
1,1,1-Trichloroethane	ND		5	0.38	ug/L	01/02/15	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND		2.0	0.30	ug/L	01/02/15	MH	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.40	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethane	ND		5	0.46	ug/L	01/02/15	MH	SW8260	
1,1-Dichloroethene	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
1,1-Dichloropropene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	B
1,2,3-Trichloropropane	ND		2.0	0.42	ug/L	01/02/15	MH	SW8260	
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L	01/02/15	MH	SW8260	B
1,2,4-Trimethylbenzene	6.1		2.0	0.36	ug/L	01/02/15	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND		2.0	0.72	ug/L	01/02/15	MH	SW8260	
1,2-Dibromoethane	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
1,2-Dichlorobenzene	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
1,2-Dichloroethane	ND		.6	0.40	ug/L	01/02/15	MH	SW8260	
1,2-Dichloropropane	ND		1	0.36	ug/L	01/02/15	MH	SW8260	
1,3,5-Trimethylbenzene	1.7	J	2.0	0.42	ug/L	01/02/15	MH	SW8260	
1,3-Dichlorobenzene	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
1,3-Dichloropropane	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
1,4-Dichlorobenzene	ND		2.0	0.38	ug/L	01/02/15	MH	SW8260	
2,2-Dichloropropane	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
2-Chlorotoluene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
2-Hexanone	ND		2.0	0.54	ug/L	01/02/15	MH	SW8260	
2-Isopropyltoluene	ND		2.0	0.42	ug/L	01/02/15	MH	SW8260	1
4-Chlorotoluene	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
4-Methyl-2-pentanone	1.1	J	2.0	0.38	ug/L	01/02/15	MH	SW8260	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Phoenix I.D.: BH58845

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	6.0	JBS	10	0.62	ug/L	01/02/15	MH	SW8260	B
Acrolein	ND		5	1.9	ug/L	01/02/15	MH	SW8260	
Acrylonitrile	ND		5	0.34	ug/L	01/02/15	MH	SW8260	
Benzene	12		1.4	0.38	ug/L	01/02/15	MH	SW8260	
Bromobenzene	ND		2.0	0.40	ug/L	01/02/15	MH	SW8260	
Bromochloromethane	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
Bromodichloromethane	ND		2.0	0.32	ug/L	01/02/15	MH	SW8260	
Bromoform	ND		10	0.20	ug/L	01/02/15	MH	SW8260	
Bromomethane	ND		5	1.0	ug/L	01/02/15	MH	SW8260	
Carbon Disulfide	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
Carbon tetrachloride	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Chlorobenzene	ND		5	0.40	ug/L	01/02/15	MH	SW8260	
Chloroethane	ND		5	0.48	ug/L	01/02/15	MH	SW8260	
Chloroform	ND		7	0.44	ug/L	01/02/15	MH	SW8260	
Chloromethane	1.3	J	5	0.42	ug/L	01/02/15	MH	SW8260	
cis-1,2-Dichloroethene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.4	0.30	ug/L	01/02/15	MH	SW8260	
Dibromochloromethane	ND		2.0	0.30	ug/L	01/02/15	MH	SW8260	
Dibromomethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Dichlorodifluoromethane	ND		2.0	0.52	ug/L	01/02/15	MH	SW8260	
Ethylbenzene	2.8		2.0	0.38	ug/L	01/02/15	MH	SW8260	
Hexachlorobutadiene	ND		0.5	0.26	ug/L	01/02/15	MH	SW8260	B
Isopropylbenzene	1.0	J	2.0	0.44	ug/L	01/02/15	MH	SW8260	
m&p-Xylene	15		2.0	0.84	ug/L	01/02/15	MH	SW8260	
Methyl ethyl ketone	ND		2.0	1.0	ug/L	01/02/15	MH	SW8260	
Methyl t-butyl ether (MTBE)	210	D	10	1.9	ug/L	01/02/15	MH	SW8260	
Methylene chloride	ND		5	0.32	ug/L	01/02/15	MH	SW8260	
Naphthalene	1.8	JB	2.0	0.38	ug/L	01/02/15	MH	SW8260	B*
n-Butylbenzene	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
n-Propylbenzene	0.82	J	2.0	0.40	ug/L	01/02/15	MH	SW8260	
o-Xylene	9.2		2.0	0.90	ug/L	01/02/15	MH	SW8260	
p-Isopropyltoluene	11		2.0	0.42	ug/L	01/02/15	MH	SW8260	
sec-Butylbenzene	ND		2.0	0.44	ug/L	01/02/15	MH	SW8260	
Styrene	ND		2.0	0.82	ug/L	01/02/15	MH	SW8260	
tert-Butylbenzene	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Tetrachloroethene	ND		2.0	0.48	ug/L	01/02/15	MH	SW8260	
Tetrahydrofuran (THF)	ND		10	1.0	ug/L	01/02/15	MH	SW8260	1
Toluene	2.5		2.0	0.40	ug/L	01/02/15	MH	SW8260	
trans-1,2-Dichloroethene	ND		5	0.40	ug/L	01/02/15	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.4	0.28	ug/L	01/02/15	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		2.0	0.90	ug/L	01/02/15	MH	SW8260	
Trichloroethene	ND		2.0	0.36	ug/L	01/02/15	MH	SW8260	
Trichlorofluoromethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Trichlorotrifluoroethane	ND		2.0	0.46	ug/L	01/02/15	MH	SW8260	
Vinyl chloride	ND		2.0	0.28	ug/L	01/02/15	MH	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	MH	70 - 121 %	
% Bromofluorobenzene	94				%	01/02/15	MH	59 - 113 %	
% Dibromofluoromethane	91				%	01/02/15	MH	70 - 130 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: GW 6

Phoenix I.D.: BH58845

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	97			%	01/02/15	MH	84 - 138 %

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, a bias is possible.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

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
February 03, 2015
Reviewed and Released by: Tina Covensky

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	12:00
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58846

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 FILL

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Aluminum	7730		36	7.1	mg/Kg	01/05/15	EK	SW6010
Arsenic	6.8		0.7	0.71	mg/Kg	01/05/15	LK	SW6010
Barium	120	*	0.7	0.36	mg/Kg	01/05/15	LK	SW6010
Beryllium	0.36		0.28	0.14	mg/Kg	01/05/15	LK	SW6010
Calcium	67000	*	36	33	mg/Kg	01/05/15	EK	SW6010
Cadmium	0.96		0.36	0.14	mg/Kg	01/05/15	LK	SW6010
Cobalt	5.23		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Chromium	23.0		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Copper	68.6		0.36	0.36	mg/kg	01/05/15	LK	SW6010
Iron	17300		36	36	mg/Kg	01/05/15	EK	SW6010
Mercury	0.55	*	0.08	0.05	mg/Kg	01/02/15	RS	SW-7471
Potassium	1230	N	7	2.8	mg/Kg	01/05/15	LK	SW6010
Magnesium	12500	*	36	36	mg/Kg	01/05/15	EK	SW6010
Manganese	250		3.6	3.6	mg/Kg	01/05/15	EK	SW6010
Sodium	410	N	7	3.1	mg/Kg	01/05/15	LK	SW6010
Nickel	16.1		0.36	0.36	mg/Kg	01/05/15	LK	SW6010
Lead	147		7.1	3.6	mg/Kg	01/05/15	EK	SW6010
Antimony	2.1		1.8	1.8	mg/Kg	01/05/15	LK	SW6010
Selenium	< 1.4	B	1.4	1.2	mg/Kg	01/05/15	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	01/05/15	LK	SW6010
Vanadium	60.7		0.4	0.36	mg/Kg	01/05/15	LK	SW6010
Zinc	180		7.1	3.6	mg/Kg	01/05/15	EK	SW6010
Percent Solid	88				%	12/31/14	i	SW846
Soil Extraction for PCB	Completed					12/31/14	JC/H	SW3545
Soil Extraction for SVOA	Completed					12/31/14	/PS	SW3545
Mercury Digestion	Completed					01/02/15	I/I	SW7471
Total Metals Digest	Completed					12/31/14	CB/T	SW846 - 3050

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Polychlorinated Biphenyls									
PCB-1016	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1221	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1232	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1242	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1248	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1254	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1260	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1262	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
PCB-1268	ND		38	38	ug/Kg	01/02/15	AW	SW 8082	
QA/QC Surrogates									
% DCBP	81				%	01/02/15	AW	30 - 150 %	
% TCMX	72				%	01/02/15	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		280	47	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		280	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		280	55	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	7300		280	41	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		280	25	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2500		280	38	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		280	48	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1400	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	ND		280	39	ug/Kg	01/02/15	JLI	SW8260	1
4-Chlorotoluene	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1400	68	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2800	280	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		570	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	220	J	280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		280	37	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		280	41	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		280	220	ug/Kg	01/02/15	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Carbon Disulfide	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		280	66	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		280	52	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		280	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		280	32	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		280	36	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		280	76	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	1500		280	52	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	510		280	55	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	6900		280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	250	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	270	J	570	78	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	140	JBS	280	47	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	1300		280	76	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	360		280	52	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	920		280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	3300		280	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	100	J	280	41	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	140	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		280	82	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		570	260	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	3300		280	45	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		280	58	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		570	530	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		280	63	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		280	92	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	100				%	01/02/15	JLI	59 - 113 %	
% Dibromofluoromethane	95				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	97				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		1300	560	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		1300	1000	ug/Kg	01/02/15	DD	SW 8270	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 FILL

Phoenix I.D.: BH58846

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2,4,6-Trichlorophenol	ND		1300	600	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		1300	460	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		9300	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		1300	740	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		1300	590	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	1200	J	1300	560	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		1300	880	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		9300	1900	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		1300	1200	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		1300	740	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		3700	880	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		9300	4100	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		9300	2000	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		1300	660	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		3700	870	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		1300	630	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		9300	620	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		9300	840	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		1300	570	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		1300	580	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		9300	3800	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	920	J	1000	630	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		3700	1100	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	840	J	1000	610	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	1200	J	1300	640	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		800	620	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		9300	3700	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		1300	480	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		1300	500	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	930	J	1300	540	ug/Kg	01/02/15	DD	SW 8270	
Carbazole	ND		9300	1400	ug/Kg	01/02/15	DD	SW 8270	
Chrysene	1100	J	1300	630	ug/Kg	01/02/15	DD	SW 8270	
Dibenz(a,h)anthracene	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270	
Dibenzofuran	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270	
Diethyl phthalate	ND		1300	590	ug/Kg	01/02/15	DD	SW 8270	
Dimethylphthalate	ND		1300	580	ug/Kg	01/02/15	DD	SW 8270	
Di-n-butylphthalate	ND		1300	500	ug/Kg	01/02/15	DD	SW 8270	
Di-n-octylphthalate	ND		1300	480	ug/Kg	01/02/15	DD	SW 8270	
Fluoranthene	1300	J	1300	610	ug/Kg	01/02/15	DD	SW 8270	
Fluorene	ND		1300	620	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachlorobenzene	ND		1300	550	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		1300	680	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		1300	570	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		1300	560	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		500	500	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		1300	520	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	1100	J	1300	540	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		1300	650	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		1300	530	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		1300	610	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		1300	720	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		1300	700	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		800	710	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	1500		1300	530	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		1300	600	ug/Kg	01/02/15	DD	SW 8270
Pyrene	1200	J	1300	640	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		1300	460	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	diluted out				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	diluted out				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	diluted out				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	diluted out				%	01/02/15	DD	23 - 120 %
% Phenol-d5	diluted out				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	diluted out				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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

Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

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

February 03, 2015

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	RL	12/30/14	12:30
Location Code:	EBC	Received by:	SW	12/31/14	14:54
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBH58831
Phoenix ID: BH58847

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	89				%	12/31/14	i	SW846	
Soil Extraction for SVOA	Completed					12/31/14	JJ/VH	SW3545	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
1,1,1-Trichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,1,2-Trichloroethane	ND		280	28	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethane	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloroethene	ND		280	61	ug/Kg	01/02/15	JLI	SW8260	
1,1-Dichloropropene	ND		280	54	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,3-Trichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
1,2,4-Trimethylbenzene	6000		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dibromoethane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichlorobenzene	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloroethane	ND		280	25	ug/Kg	01/02/15	JLI	SW8260	
1,2-Dichloropropane	ND		280	40	ug/Kg	01/02/15	JLI	SW8260	
1,3,5-Trimethylbenzene	2400		280	37	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
1,3-Dichloropropane	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
1,4-Dichlorobenzene	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
2,2-Dichloropropane	ND		280	47	ug/Kg	01/02/15	JLI	SW8260	
2-Chlorotoluene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
2-Hexanone	ND		1400	130	ug/Kg	01/02/15	JLI	SW8260	
2-Isopropyltoluene	42	J	280	39	ug/Kg	01/02/15	JLI	SW8260	1

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Phoenix I.D.: BH58847

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
4-Methyl-2-pentanone	ND		1400	67	ug/Kg	01/02/15	JLI	SW8260	
Acetone	ND		2800	280	ug/Kg	01/02/15	JLI	SW8260	B
Acrylonitrile	ND		560	160	ug/Kg	01/02/15	JLI	SW8260	
Benzene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
Bromobenzene	ND		280	37	ug/Kg	01/02/15	JLI	SW8260	
Bromochloromethane	ND		280	41	ug/Kg	01/02/15	JLI	SW8260	
Bromodichloromethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Bromoform	ND		280	39	ug/Kg	01/02/15	JLI	SW8260	
Bromomethane	ND		280	220	ug/Kg	01/02/15	JLI	SW8260	
Carbon Disulfide	ND		280	46	ug/Kg	01/02/15	JLI	SW8260	
Carbon tetrachloride	ND		280	33	ug/Kg	01/02/15	JLI	SW8260	
Chlorobenzene	ND		280	42	ug/Kg	01/02/15	JLI	SW8260	
Chloroethane	ND		280	66	ug/Kg	01/02/15	JLI	SW8260	
Chloroform	ND		280	51	ug/Kg	01/02/15	JLI	SW8260	
Chloromethane	ND		280	150	ug/Kg	01/02/15	JLI	SW8260	
cis-1,2-Dichloroethene	ND		280	61	ug/Kg	01/02/15	JLI	SW8260	
cis-1,3-Dichloropropene	ND		280	30	ug/Kg	01/02/15	JLI	SW8260	
Dibromochloromethane	ND		280	31	ug/Kg	01/02/15	JLI	SW8260	
Dibromomethane	ND		280	35	ug/Kg	01/02/15	JLI	SW8260	
Dichlorodifluoromethane	ND		280	75	ug/Kg	01/02/15	JLI	SW8260	
Ethylbenzene	780		280	51	ug/Kg	01/02/15	JLI	SW8260	
Hexachlorobutadiene	ND		280	59	ug/Kg	01/02/15	JLI	SW8260	
Isopropylbenzene	280	J	280	54	ug/Kg	01/02/15	JLI	SW8260	
m&p-Xylene	3800		280	110	ug/Kg	01/02/15	JLI	SW8260	
Methyl Ethyl Ketone	ND		1700	240	ug/Kg	01/02/15	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		560	78	ug/Kg	01/02/15	JLI	SW8260	
Methylene chloride	150	JBS	280	46	ug/Kg	01/02/15	JLI	SW8260	B
Naphthalene	1300		280	75	ug/Kg	01/02/15	JLI	SW8260	
n-Butylbenzene	390		280	51	ug/Kg	01/02/15	JLI	SW8260	
n-Propylbenzene	650		280	51	ug/Kg	01/02/15	JLI	SW8260	
o-Xylene	2200		280	110	ug/Kg	01/02/15	JLI	SW8260	
p-Isopropyltoluene	130	J	280	40	ug/Kg	01/02/15	JLI	SW8260	
sec-Butylbenzene	150	J	280	53	ug/Kg	01/02/15	JLI	SW8260	
Styrene	ND		280	81	ug/Kg	01/02/15	JLI	SW8260	
tert-Butylbenzene	ND		280	45	ug/Kg	01/02/15	JLI	SW8260	
Tetrachloroethene	ND		280	59	ug/Kg	01/02/15	JLI	SW8260	
Tetrahydrofuran (THF)	ND		560	250	ug/Kg	01/02/15	JLI	SW8260	1
Toluene	700		280	44	ug/Kg	01/02/15	JLI	SW8260	
trans-1,2-Dichloroethene	ND		280	56	ug/Kg	01/02/15	JLI	SW8260	
trans-1,3-Dichloropropene	ND		280	57	ug/Kg	01/02/15	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		560	520	ug/Kg	01/02/15	JLI	SW8260	
Trichloroethene	ND		280	60	ug/Kg	01/02/15	JLI	SW8260	
Trichlorofluoromethane	ND		280	62	ug/Kg	01/02/15	JLI	SW8260	
Trichlorotrifluoroethane	ND		280	44	ug/Kg	01/02/15	JLI	SW8260	
Vinyl chloride	ND		280	91	ug/Kg	01/02/15	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/02/15	JLI	70 - 121 %	
% Bromofluorobenzene	99				%	01/02/15	JLI	59 - 113 %	

Project ID: 1181 FLUSHING AVE BROOKLYN
Client ID: B 10 WT

Phoenix I.D.: BH58847

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Dibromofluoromethane	100				%	01/02/15	JLI	70 - 130 %	
% Toluene-d8	96				%	01/02/15	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
1,2-Dichlorobenzene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
1,3-Dichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
1,4-Dichlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2600	2000	ug/Kg	01/02/15	DD	SW 8270	
2,4,6-Trichlorophenol	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dichlorophenol	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dimethylphenol	ND		2600	910	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrophenol	ND		18000	2600	ug/Kg	01/02/15	DD	SW 8270	
2,4-Dinitrotoluene	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270	
2,6-Dinitrotoluene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
2-Chloronaphthalene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Chlorophenol	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
2-Methylnaphthalene	2000	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2600	1700	ug/Kg	01/02/15	DD	SW 8270	
2-Nitroaniline	ND		18000	3700	ug/Kg	01/02/15	DD	SW 8270	
2-Nitrophenol	ND		2600	2300	ug/Kg	01/02/15	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7300	1700	ug/Kg	01/02/15	DD	SW 8270	
3-Nitroaniline	ND		18000	8000	ug/Kg	01/02/15	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		18000	4000	ug/Kg	01/02/15	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
4-Chloroaniline	ND		7300	1700	ug/Kg	01/02/15	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitroaniline	ND		18000	1200	ug/Kg	01/02/15	DD	SW 8270	
4-Nitrophenol	ND		18000	1700	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
Acenaphthylene	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
Acetophenone	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270	
Aniline	ND		18000	7400	ug/Kg	01/02/15	DD	SW 8270	
Anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benz(a)anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzidine	ND		7300	2200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(a)pyrene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(b)fluoranthene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270	
Benzo(ghi)perylene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzo(k)fluoranthene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270	
Benzoic acid	ND		18000	7300	ug/Kg	01/02/15	DD	SW 8270	1
Benzyl butyl phthalate	ND		2600	950	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2600	990	ug/Kg	01/02/15	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1200	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Carbazole	ND		18000	2800	ug/Kg	01/02/15	DD	SW 8270
Chrysene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenz(a,h)anthracene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dibenzofuran	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Diethyl phthalate	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Dimethylphthalate	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Di-n-butylphthalate	ND		2600	980	ug/Kg	01/02/15	DD	SW 8270
Di-n-octylphthalate	ND		2600	950	ug/Kg	01/02/15	DD	SW 8270
Fluoranthene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Fluorene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobenzene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachlorobutadiene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
Hexachlorocyclopentadiene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Hexachloroethane	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Isophorone	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270
Naphthalene	1100	J	2600	1100	ug/Kg	01/02/15	DD	SW 8270
Nitrobenzene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodimethylamine	ND		2600	1000	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodi-n-propylamine	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
N-Nitrosodiphenylamine	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachloronitrobenzene	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Pentachlorophenol	ND		2600	1400	ug/Kg	01/02/15	DD	SW 8270
Phenanthrene	ND		2600	1100	ug/Kg	01/02/15	DD	SW 8270
Phenol	ND		2600	1200	ug/Kg	01/02/15	DD	SW 8270
Pyrene	ND		2600	1300	ug/Kg	01/02/15	DD	SW 8270
Pyridine	ND		2600	900	ug/Kg	01/02/15	DD	SW 8270
QA/QC Surrogates								
% 2,4,6-Tribromophenol	Diluted Out				%	01/02/15	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out				%	01/02/15	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out				%	01/02/15	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out				%	01/02/15	DD	23 - 120 %
% Phenol-d5	Diluted Out				%	01/02/15	DD	24 - 113 %
% Terphenyl-d14	Diluted Out				%	01/02/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

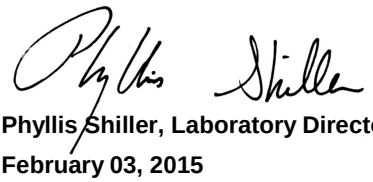
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

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



Phyllis Shiller, Laboratory Director
February 03, 2015
Reviewed and Released by: Tina Covensky

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: GW 1

Lab Name: Phoenix Environmental Labs Client: EBC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GBH58831

Matrix:(soil/water) WATER Lab Sample ID: BH58841

Sample wt/vol: 1 (g/mL) mL Lab File ID: 0102S13.D

Level: (low/med) Date Received: 12/31/14

% Moisture: not dec. 100 Date Analyzed: 01/02/15

GC Column: rtx-vms ID: 0.18 (mm) Dilution Factor: 1

Purge Volume 1000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000075-28-5	Isobutane	1.258	1.3	JN
000078-78-4	Butane, 2-methyl-	1.603	1.2	JN
000079-29-8	Butane, 2,3-dimethyl-	2.299	2.6	JN
000560-21-4	Pentane, 2,3,3-trimethyl-	4.768	1	JN
006863-58-7	Di-sec-butyl ether	5.416	9.4	JN
000496-11-7	Indane	8.157	6.5	JN
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.098	1	JN

FORM I VOA-TIC

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 03, 2015

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 296195, QC Sample No: BH58731 (BH58831, BH58833, BH58835, BH58837, BH58839, BH58846)													
Mercury - Soil	BRL	9.28	18.0	63.9	92.0	89.2	3.1				75 - 125	30	r
QA/QC Batch 296160, QC Sample No: BH58831 (BH58831, BH58833, BH58835, BH58837, BH58839, BH58846)													
ICP Metals - Soil													
Aluminum	BRL	7150	5930	18.7	99.1	113	13.1	NC	NC	NC	80 - 120	30	
Antimony	BRL	<1.7	<3.6	NC	96.3	108	11.5	89.7	88.8	1.0	70 - 130	30	
Arsenic	BRL	3.2	3.81	NC	104	119	13.5	97.6	95.7	2.0	80 - 120	30	
Barium	BRL	94.9	62.6	41.0	105	120	13.3	95.3	81.8	15.2	80 - 120	30	r
Beryllium	BRL	0.38	0.31	NC	97.0	109	11.7	98.8	95.8	3.1	80 - 120	30	
Cadmium	BRL	0.21	0.30	NC	88.0	97.4	10.1	90.6	87.6	3.4	80 - 120	30	
Calcium	BRL	48100	69000	35.7	101	105	3.9	NC	NC	NC	80 - 120	30	r
Chromium	BRL	16.7	17.8	6.40	101	112	10.3	101	95.5	5.6	80 - 120	30	
Cobalt	BRL	5.85	5.75	1.70	81.1	90.4	10.8	96.1	92.2	4.1	80 - 120	30	
Copper	BRL	28.9	32.4	11.4	89.2	98.1	9.5	120	114	5.1	80 - 120	30	
Iron	BRL	17400	17300	0.60	90.9	101	10.5	NC	NC	NC	80 - 120	30	
Lead	BRL	58.0	67.5	15.1	90.8	99.5	9.1	100	98.6	1.4	80 - 120	30	
Magnesium	BRL	23000	34200	39.2	105	118	11.7	NC	NC	NC	80 - 120	30	r
Manganese	BRL	300	277	8.00	104	116	10.9	109	88.9	20.3	80 - 120	30	
Nickel	BRL	11.6	11.5	0.90	98.0	108	9.7	93.9	89.5	4.8	80 - 120	30	
Potassium	BRL	999	953	4.70	84.9	93.8	10.0	>130	>130	NC	80 - 120	30	m
Selenium	BRL	<1.3	<1.4	NC	104	117	11.8	85.5	84.2	1.5	80 - 120	30	
Silver	BRL	<0.34	<0.36	NC	96.7	107	10.1	109	107	1.9	70 - 130	30	
Sodium	BRL	262	287	9.10	85.5	95.3	10.8	>130	>130	NC	80 - 120	30	m
Thallium	BRL	<1.3	<3.2	NC	98.8	111	11.6	96.6	94.1	2.6	80 - 120	30	
Vanadium	BRL	25.1	29.4	15.8	108	119	9.7	105	98.0	6.9	80 - 120	30	
Zinc	BRL	72.7	78.7	7.90	92.3	103	11.0	111	109	1.8	80 - 120	30	

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

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

QA/QC Report

February 03, 2015

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 296280, QC Sample No: BH58832 (BH58832, BH58834 (50, 1X) , BH58836 (50, 1X) , BH58838, BH58839 (50X) , BH58840 (50X) , BH58846 (50X) , BH58847 (50X))										
Volatiles - Solid										
1,1,1,2-Tetrachloroethane	ND	110	107	2.8	99	94	5.2	70 - 130	30	
1,1,1-Trichloroethane	ND	103	102	1.0	93	88	5.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	109	106	2.8	91	87	4.5	70 - 130	30	
1,1,2-Trichloroethane	ND	104	102	1.9	96	90	6.5	70 - 130	30	
1,1-Dichloroethane	ND	100	99	1.0	92	88	4.4	70 - 130	30	
1,1-Dichloroethene	ND	116	116	0.0	102	97	5.0	70 - 130	30	
1,1-Dichloropropene	ND	106	106	0.0	98	94	4.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	101	101	0.0	86	84	2.4	70 - 130	30	
1,2,3-Trichloropropane	ND	101	100	1.0	89	84	5.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	103	101	2.0	90	87	3.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	102	101	1.0	100	97	3.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	97	6.0	86	81	6.0	70 - 130	30	
1,2-Dibromoethane	ND	109	105	3.7	93	91	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	106	104	1.9	96	93	3.2	70 - 130	30	
1,2-Dichloroethane	ND	101	97	4.0	87	84	3.5	70 - 130	30	
1,2-Dichloropropane	ND	105	104	1.0	95	91	4.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	107	107	0.0	100	97	3.0	70 - 130	30	
1,3-Dichlorobenzene	ND	106	105	0.9	97	95	2.1	70 - 130	30	
1,3-Dichloropropane	ND	105	104	1.0	92	89	3.3	70 - 130	30	
1,4-Dichlorobenzene	ND	107	105	1.9	98	95	3.1	70 - 130	30	
2,2-Dichloropropane	ND	99	99	0.0	85	82	3.6	70 - 130	30	
2-Chlorotoluene	ND	106	104	1.9	99	95	4.1	70 - 130	30	
2-Hexanone	ND	90	88	2.2	82	74	10.3	70 - 130	30	
2-Isopropyltoluene	ND	110	109	0.9	101	98	3.0	70 - 130	30	
4-Chlorotoluene	ND	106	103	2.9	98	95	3.1	70 - 130	30	
4-Methyl-2-pentanone	ND	90	88	2.2	80	74	7.8	70 - 130	30	
Acetone	6.6 JBS	98	95	3.1	72	66	8.7	70 - 130	30	m
Acrylonitrile	ND	94	94	0.0	79	73	7.9	70 - 130	30	
Benzene	ND	109	108	0.9	100	95	5.1	70 - 130	30	
Bromobenzene	ND	109	107	1.9	99	96	3.1	70 - 130	30	
Bromochloromethane	ND	111	107	3.7	98	93	5.2	70 - 130	30	
Bromodichloromethane	ND	108	107	0.9	94	91	3.2	70 - 130	30	
Bromoform	ND	112	110	1.8	92	87	5.6	70 - 130	30	
Bromomethane	ND	108	110	1.8	98	92	6.3	70 - 130	30	
Carbon Disulfide	ND	116	116	0.0	95	91	4.3	70 - 130	30	
Carbon tetrachloride	ND	106	101	4.8	92	89	3.3	70 - 130	30	
Chlorobenzene	ND	106	106	0.0	98	95	3.1	70 - 130	30	
Chloroethane	ND	108	108	0.0	91	89	2.2	70 - 130	30	
Chloroform	ND	99	99	0.0	91	88	3.4	70 - 130	30	
Chloromethane	ND	109	107	1.9	92	88	4.4	70 - 130	30	

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,2-Dichloroethene	ND	105	104	1.0	95	92	3.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	114	113	0.9	98	95	3.1	70 - 130	30	
Dibromochloromethane	ND	113	111	1.8	95	93	2.1	70 - 130	30	
Dibromomethane	ND	106	103	2.9	94	89	5.5	70 - 130	30	
Dichlorodifluoromethane	ND	125	125	0.0	100	94	6.2	70 - 130	30	
Ethylbenzene	ND	110	110	0.0	100	98	2.0	70 - 130	30	
Hexachlorobutadiene	ND	106	107	0.9	95	91	4.3	70 - 130	30	
Isopropylbenzene	ND	107	107	0.0	101	100	1.0	70 - 130	30	
m&p-Xylene	ND	106	106	0.0	98	95	3.1	70 - 130	30	
Methyl ethyl ketone	ND	88	86	2.3	69	64	7.5	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	106	103	2.9	90	86	4.5	70 - 130	30	
Methylene chloride	2.5 JBS	100	99	1.0	85	82	3.6	70 - 130	30	
Naphthalene	ND	105	103	1.9	90	84	6.9	70 - 130	30	
n-Butylbenzene	ND	104	104	0.0	99	96	3.1	70 - 130	30	
n-Propylbenzene	ND	101	100	1.0	101	99	2.0	70 - 130	30	
o-Xylene	ND	108	107	0.9	102	99	3.0	70 - 130	30	
p-Isopropyltoluene	ND	108	108	0.0	102	99	3.0	70 - 130	30	
sec-Butylbenzene	ND	109	107	1.9	99	96	3.1	70 - 130	30	
Styrene	ND	113	112	0.9	101	97	4.0	70 - 130	30	
tert-Butylbenzene	ND	108	106	1.9	101	98	3.0	70 - 130	30	
Tetrachloroethene	ND	107	109	1.9	105	99	5.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	91	89	2.2	76	70	8.2	70 - 130	30	
Toluene	ND	109	107	1.9	100	96	4.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	110	109	0.9	98	93	5.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	114	112	1.8	93	91	2.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	110	109	0.9	88	83	5.8	70 - 130	30	
Trichloroethene	ND	111	109	1.8	100	96	4.1	70 - 130	30	
Trichlorofluoromethane	ND	106	104	1.9	91	86	5.6	70 - 130	30	
Trichlorotrifluoroethane	ND	109	111	1.8	99	96	3.1	70 - 130	30	
Vinyl chloride	ND	114	112	1.8	101	95	6.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	101	100	1.0	99	99	0.0	70 - 121	30	
% Bromofluorobenzene	94	99	99	0.0	97	96	1.0	59 - 113	30	
% Dibromofluoromethane	97	99	97	2.0	97	99	2.0	70 - 130	30	
% Toluene-d8	94	99	98	1.0	99	99	0.0	84 - 138	30	

QA/QC Batch 296162, QC Sample No: BH58832 (BH58832, BH58834, BH58836, BH58838, BH58839, BH58840, BH58846, BH58847)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	82	79	3.7	82	81	1.2	30 - 130	30	
1,2,4-Trichlorobenzene	ND	83	82	1.2	84	83	1.2	30 - 130	30	
1,2-Dichlorobenzene	ND	72	72	0.0	76	76	0.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	93	97	4.2	96	95	1.0	30 - 130	30	
1,3-Dichlorobenzene	ND	70	70	0.0	74	74	0.0	30 - 130	30	
1,4-Dichlorobenzene	ND	71	71	0.0	76	76	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	98	100	2.0	99	99	0.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	98	99	1.0	96	95	1.0	30 - 130	30	
2,4-Dichlorophenol	ND	91	92	1.1	93	91	2.2	30 - 130	30	
2,4-Dimethylphenol	ND	86	86	0.0	77	74	4.0	30 - 130	30	
2,4-Dinitrophenol	ND	66	70	5.9	92	91	1.1	30 - 130	30	
2,4-Dinitrotoluene	ND	97	102	5.0	101	100	1.0	30 - 130	30	
2,6-Dinitrotoluene	ND	94	96	2.1	96	96	0.0	30 - 130	30	
2-Chloronaphthalene	ND	85	83	2.4	86	85	1.2	30 - 130	30	
2-Chlorophenol	ND	83	85	2.4	86	85	1.2	30 - 130	30	

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Methylnaphthalene	ND	83	84	1.2	86	85	1.2	30 - 130	30	
2-Methylphenol (o-cresol)	ND	86	90	4.5	88	86	2.3	30 - 130	30	
2-Nitroaniline	ND	106	129	19.6	113	112	0.9	30 - 130	30	
2-Nitrophenol	ND	93	95	2.1	98	95	3.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	89	94	5.5	91	90	1.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	80	81	1.2	38	35	8.2	30 - 130	30	
3-Nitroaniline	ND	85	90	5.7	78	75	3.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	84	89	5.8	114	113	0.9	30 - 130	30	
4-Bromophenyl phenyl ether	ND	90	84	6.9	84	85	1.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	99	104	4.9	105	103	1.9	30 - 130	30	
4-Chloroaniline	ND	47	52	10.1	37	35	5.6	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	87	84	3.5	85	85	0.0	30 - 130	30	
4-Nitroaniline	ND	100	107	6.8	107	105	1.9	30 - 130	30	
4-Nitrophenol	ND	99	119	18.3	116	111	4.4	30 - 130	30	
Acenaphthene	ND	87	84	3.5	84	84	0.0	30 - 130	30	
Acenaphthylene	ND	84	84	0.0	85	85	0.0	30 - 130	30	
Acetophenone	ND	80	84	4.9	86	85	1.2	30 - 130	30	
Aniline	ND	54	63	15.4	38	36	5.4	30 - 130	30	
Anthracene	ND	88	89	1.1	89	90	1.1	30 - 130	30	
Benz(a)anthracene	ND	92	93	1.1	94	92	2.2	30 - 130	30	
Benzidine	ND	<10	<10	NC	<10	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	91	93	2.2	90	91	1.1	30 - 130	30	
Benzo(b)fluoranthene	ND	97	97	0.0	99	97	2.0	30 - 130	30	
Benzo(ghi)perylene	ND	86	100	15.1	93	95	2.1	30 - 130	30	
Benzo(k)fluoranthene	ND	93	92	1.1	94	91	3.2	30 - 130	30	
Benzoic Acid	ND	11	14	24.0	30	36	18.2	30 - 130	30	l
Benzyl butyl phthalate	ND	97	102	5.0	99	98	1.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	89	91	2.2	93	91	2.2	30 - 130	30	
Bis(2-chloroethyl)ether	ND	71	73	2.8	76	76	0.0	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	82	85	3.6	88	87	1.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	94	93	1.1	92	93	1.1	30 - 130	30	
Carbazole	ND	94	101	7.2	97	97	0.0	30 - 130	30	
Chrysene	ND	92	91	1.1	91	92	1.1	30 - 130	30	
Dibenz(a,h)anthracene	ND	89	100	11.6	94	96	2.1	30 - 130	30	
Dibenzofuran	ND	85	87	2.3	88	87	1.1	30 - 130	30	
Diethyl phthalate	ND	96	95	1.0	95	94	1.1	30 - 130	30	
Dimethylphthalate	ND	92	91	1.1	92	92	0.0	30 - 130	30	
Di-n-butylphthalate	ND	102	99	3.0	98	97	1.0	30 - 130	30	
Di-n-octylphthalate	ND	104	101	2.9	101	100	1.0	30 - 130	30	
Fluoranthene	ND	94	99	5.2	98	96	2.1	30 - 130	30	
Fluorene	ND	86	87	1.2	88	87	1.1	30 - 130	30	
Hexachlorobenzene	ND	92	87	5.6	88	87	1.1	30 - 130	30	
Hexachlorobutadiene	ND	78	75	3.9	79	77	2.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	84	83	1.2	88	87	1.1	30 - 130	30	
Hexachloroethane	ND	71	70	1.4	76	76	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	79	103	26.4	96	98	2.1	30 - 130	30	
Isophorone	ND	87	87	0.0	90	88	2.2	30 - 130	30	
Naphthalene	ND	79	79	0.0	82	81	1.2	30 - 130	30	
Nitrobenzene	ND	81	87	7.1	89	88	1.1	30 - 130	30	
N-Nitrosodimethylamine	ND	73	74	1.4	80	81	1.2	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	90	93	3.3	97	97	0.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	94	97	3.1	93	92	1.1	30 - 130	30	
Pentachloronitrobenzene	ND	95	89	6.5	90	90	0.0	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Pentachlorophenol	ND	92	94	2.2	95	94	1.1	30 - 130	30	
Phenanthrene	ND	89	88	1.1	89	89	0.0	30 - 130	30	
Phenol	ND	85	90	5.7	90	88	2.2	30 - 130	30	
Pyrene	ND	98	101	3.0	101	100	1.0	30 - 130	30	
Pyridine	ND	52	54	3.8	51	52	1.9	30 - 130	30	
% 2,4,6-Tribromophenol	94	101	98	3.0	91	90	1.1	30 - 130	30	
% 2-Fluorobiphenyl	76	83	80	3.7	80	80	0.0	30 - 115	30	
% 2-Fluorophenol	61	75	77	2.6	76	75	1.3	30 - 130	30	
% Nitrobenzene-d5	76	79	85	7.3	86	85	1.2	23 - 120	30	
% Phenol-d5	67	80	84	4.9	82	81	1.2	30 - 130	30	
% Terphenyl-d14	93	98	101	3.0	99	97	2.0	18 - 137	30	
QA/QC Batch 296163, QC Sample No: BH58833 (BH58831, BH58833, BH58835, BH58837, BH58839, BH58846)										
Polychlorinated Biphenyls - Solid										
PCB-1016	ND	94	91	3.2	97	96	1.0	30 - 120	15	
PCB-1221	ND							30 - 150	30	
PCB-1232	ND							30 - 150	30	
PCB-1242	ND							30 - 150	30	
PCB-1248	ND							30 - 150	30	
PCB-1254	ND							30 - 150	30	
PCB-1260	ND	93	89	4.4	97	93	4.2	30 - 150	20	
PCB-1262	ND							30 - 150	30	
PCB-1268	ND							30 - 150	30	
% DCBP (Surrogate Rec)	71	100	98	2.0	98	100	2.0	30 - 150	20	
% TCMX (Surrogate Rec)	67	98	97	1.0	97	97	0.0	30 - 150	20	
QA/QC Batch 296298, QC Sample No: BH58841 (BH58841, BH58842, BH58843 (50, 100X) , BH58844 (2, 1, 10X) , BH58845 (2, 10X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	112	115	2.6	89	107	18.4	70 - 130	30	
1,1,1-Trichloroethane	ND	90	94	4.3	70	89	23.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	123	128	4.0	94	115	20.1	70 - 130	30	
1,1,2-Trichloroethane	ND	108	111	2.7	85	104	20.1	70 - 130	30	
1,1-Dichloroethane	ND	93	96	3.2	74	90	19.5	70 - 130	30	
1,1-Dichloroethene	ND	94	98	4.2	72	93	25.5	70 - 130	30	
1,1-Dichloropropene	ND	99	102	3.0	77	99	25.0	70 - 130	30	
1,2,3-Trichlorobenzene	0.34 JB	119	125	4.9	92	115	22.2	70 - 130	30	
1,2,3-Trichloropropane	ND	114	119	4.3	94	113	18.4	70 - 130	30	
1,2,4-Trichlorobenzene	0.25 JB	116	124	6.7	92	116	23.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	104	111	6.5	90	111	20.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	128	131	2.3	102	126	21.1	70 - 130	30	l
1,2-Dibromoethane	ND	110	114	3.6	85	105	21.1	70 - 130	30	
1,2-Dichlorobenzene	ND	113	118	4.3	92	113	20.5	70 - 130	30	
1,2-Dichloroethane	ND	102	105	2.9	77	93	18.8	70 - 130	30	
1,2-Dichloropropane	ND	104	106	1.9	81	100	21.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	109	114	4.5	89	110	21.1	70 - 130	30	
1,3-Dichlorobenzene	ND	109	116	6.2	91	111	19.8	70 - 130	30	
1,3-Dichloropropane	ND	113	116	2.6	91	107	16.2	70 - 130	30	
1,4-Dichlorobenzene	ND	110	114	3.6	91	112	20.7	70 - 130	30	
2,2-Dichloropropane	ND	85	87	2.3	63	79	22.5	70 - 130	30	m
2-Chlorotoluene	ND	107	113	5.5	89	109	20.2	70 - 130	30	
2-Hexanone	ND	112	117	4.4	94	114	19.2	70 - 130	30	
2-Isopropyltoluene	ND	111	116	4.4	90	112	21.8	70 - 130	30	
4-Chlorotoluene	ND	108	113	4.5	89	110	21.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone	ND	107	110	2.8	87	105	18.8	70 - 130	30	
Acetone	0.41 JBS	91	96	5.3	72	84	15.4	70 - 130	30	
Acrolein	ND	120	121	0.8	90	108	18.2	70 - 130	30	
Acrylonitrile	ND	107	110	2.8	82	99	18.8	70 - 130	30	
Benzene	ND	103	107	3.8	82	99	18.8	70 - 130	30	
Bromobenzene	ND	111	116	4.4	92	112	19.6	70 - 130	30	
Bromochloromethane	ND	102	106	3.8	81	98	19.0	70 - 130	30	
Bromodichloromethane	ND	106	108	1.9	82	99	18.8	70 - 130	30	
Bromoform	ND	119	123	3.3	92	110	17.8	70 - 130	30	
Bromomethane	ND	80	84	4.9	19	37	64.3	70 - 130	30	m,r
Carbon Disulfide	ND	95	98	3.1	68	87	24.5	70 - 130	30	m
Carbon tetrachloride	ND	96	100	4.1	74	97	26.9	70 - 130	30	
Chlorobenzene	ND	107	111	3.7	87	106	19.7	70 - 130	30	
Chloroethane	ND	96	99	3.1	70	88	22.8	70 - 130	30	
Chloroform	ND	94	97	3.1	75	90	18.2	70 - 130	30	
Chloromethane	ND	87	89	2.3	60	76	23.5	70 - 130	30	m
cis-1,2-Dichloroethene	ND	96	100	4.1	78	95	19.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	108	110	1.8	81	99	20.0	70 - 130	30	
Dibromochloromethane	ND	118	121	2.5	92	111	18.7	70 - 130	30	
Dibromomethane	ND	106	110	3.7	82	101	20.8	70 - 130	30	
Dichlorodifluoromethane	ND	106	110	3.7	69	91	27.5	70 - 130	30	m
Ethylbenzene	ND	107	111	3.7	86	106	20.8	70 - 130	30	
Hexachlorobutadiene	0.16 JB	112	120	6.9	89	115	25.5	70 - 130	30	
Isopropylbenzene	ND	104	110	5.6	87	109	22.4	70 - 130	30	
m&p-Xylene	ND	108	111	2.7	87	106	19.7	70 - 130	30	
Methyl ethyl ketone	ND	109	113	3.6	87	106	19.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	115	118	2.6	85	104	20.1	70 - 130	30	
Methylene chloride	ND	94	97	3.1	76	93	20.1	70 - 130	30	
Naphthalene	0.35 JB	122	126	3.2	93	117	22.9	70 - 130	30	
n-Butylbenzene	ND	105	111	5.6	87	109	22.4	70 - 130	30	
n-Propylbenzene	ND	99	104	4.9	88	110	22.2	70 - 130	30	
o-Xylene	ND	108	111	2.7	88	107	19.5	70 - 130	30	
p-Isopropyltoluene	ND	107	114	6.3	89	112	22.9	70 - 130	30	
sec-Butylbenzene	ND	107	114	6.3	87	110	23.4	70 - 130	30	
Styrene	ND	111	115	3.5	91	108	17.1	70 - 130	30	
tert-Butylbenzene	ND	107	111	3.7	88	112	24.0	70 - 130	30	
Tetrachloroethene	ND	107	110	2.8	86	109	23.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	104	108	3.8	81	96	16.9	70 - 130	30	
Toluene	ND	102	105	2.9	80	99	21.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	98	101	3.0	76	96	23.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	109	111	1.8	79	96	19.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	117	121	3.4	86	106	20.8	70 - 130	30	
Trichloroethene	ND	104	107	2.8	82	103	22.7	70 - 130	30	
Trichlorofluoromethane	ND	91	94	3.2	67	88	27.1	70 - 130	30	m
Trichlorotrifluoroethane	ND	93	97	4.2	69	92	28.6	70 - 130	30	m
Vinyl chloride	ND	91	94	3.2	68	88	25.6	70 - 130	30	m
% 1,2-dichlorobenzene-d4	99	100	101	1.0	100	101	1.0	70 - 121	30	
% Bromofluorobenzene	95	98	96	2.1	96	94	2.1	59 - 113	30	
% Dibromofluoromethane	94	96	94	2.1	95	96	1.0	70 - 130	30	
% Toluene-d8	97	98	98	0.0	96	97	1.0	84 - 138	30	

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

QA/QC Data

SDG I.D.: GBH58831

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD 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
February 03, 2015

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58831	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3	0.34	2.5	2.5	mg/Kg
BH58831	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3	0.34	2.5	2.5	mg/Kg
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.94	0.07	0.81	0.81	mg/Kg
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.94	0.07	0.81	0.81	mg/Kg
BH58831	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.94	0.07	0.18	0.18	mg/Kg
BH58833	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	76.6	0.38	50	50	mg/kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	5.54	0.37	0.81	0.81	mg/Kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	5.54	0.37	0.81	0.81	mg/Kg
BH58833	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	5.54	0.37	0.18	0.18	mg/Kg
BH58833	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	108	7.7	63	63	mg/Kg
BH58833	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	856	7.7	109	109	mg/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2600	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2900	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2300	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2300	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2600	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3000	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	260	800	800	ug/Kg
BH58834	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	260	1000	1000	ug/Kg
BH58834	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	500	500	ug/Kg
BH58834	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	260	1000	1000	ug/Kg
BH58835	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	62.0	0.34	50	50	mg/kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.01	0.08	0.81	0.81	mg/Kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.01	0.08	0.81	0.81	mg/Kg
BH58835	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.01	0.08	0.18	0.18	mg/Kg
BH58835	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	161	6.7	63	63	mg/Kg
BH58835	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	170	6.7	109	109	mg/Kg
BH58836	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	230	280	60	60	ug/Kg
BH58836	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	57	280	20	20	ug/Kg
BH58837	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	72.6	0.7	63	63	mg/Kg
BH58839	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	290	210	210	ug/Kg
BH58839	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58839	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg
BH58839	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	170	290	50	50	ug/Kg
BH58839	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	190	190	ug/Kg
BH58839	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	270	270	ug/Kg
BH58839	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	250	250	ug/Kg
BH58839	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58839	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	60	60	ug/Kg
BH58839	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg
BH58839	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1400	290	700	700	ug/Kg
BH58839	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1200	290	1000	1000	ug/Kg
BH58839	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4100	290	3600	3600	ug/Kg
BH58839	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2700	2400	2400	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	500	500	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	500	500	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	500	500	ug/Kg
BH58839	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BH58839	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BH58839	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	800	800	ug/Kg
BH58839	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	800	800	ug/Kg
BH58839	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	134	7.2	109	109	mg/Kg
BH58840	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	270	210	210	ug/Kg
BH58840	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	20	20	ug/Kg
BH58840	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2700	50	50	ug/Kg
BH58840	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	270	50	50	ug/Kg
BH58840	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	190	190	ug/Kg
BH58840	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	250	250	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58840	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1600	120	120	ug/Kg
BH58840	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	190	270	60	60	ug/Kg
BH58840	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	20	20	ug/Kg
BH58840	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3900	270	700	700	ug/Kg
BH58840	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	2500	270	1000	1000	ug/Kg
BH58840	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9300	270	3600	3600	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	800	800	ug/Kg
BH58840	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	500	500	ug/Kg
BH58840	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	330	330	ug/Kg
BH58840	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	800	800	ug/Kg
BH58840	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58840	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2400	1000	1000	ug/Kg
BH58841	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58841	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58841	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58842	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58842	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58842	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58843	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Dichlorodifluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	2	2	ug/L
BH58843	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	100	2	2	ug/L
BH58843	$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
BH58843	$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Trichlorofluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichlorotrifluoroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichlorotrifluoroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Acetone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	50	50	ug/L
BH58843	$8260DP25R	Acetone	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Carbon Disulfide	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	300	5	5	ug/L
BH58843	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	300	5	5	ug/L
BH58843	$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	2,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Tetrahydrofuran (THF)	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Methyl ethyl ketone	NY / TAGM - Volatile Organics / Groundwater Standards	450	100	50	50	ug/L
BH58843	$8260DP25R	Methyl ethyl ketone	NY / TOGS - Water Quality / GA Criteria	450	100	50	50	ug/L
BH58843	$8260DP25R	Bromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	7	7	ug/L
BH58843	$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	500	7	7	ug/L
BH58843	$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Carbon tetrachloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Carbon tetrachloride	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	250	70	0.7	0.7	ug/L
BH58843	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	250	70	1	1	ug/L
BH58843	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	60	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	60	0.6	0.6	ug/L
BH58843	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	1	1	ug/L
BH58843	$8260DP25R	Dibromomethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromodichloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	40	0.4	0.4	ug/L
BH58843	$8260DP25R	4-Methyl-2-pentanone	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	150	100	5	5	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	150	100	5	5	ug/L
BH58843	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	40	0.4	0.4	ug/L
BH58843	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	1	1	ug/L
BH58843	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.0006	0.0006	ug/L
BH58843	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	2-Hexanone	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	Dibromochloromethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	50	50	ug/L
BH58843	$8260DP25R	Dibromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	100	50	50	ug/L
BH58843	$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	500	5	5	ug/L
BH58843	$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	500	5	5	ug/L
BH58843	$8260DP25R	1,1,1,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	880	100	5	5	ug/L
BH58843	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	880	100	5	5	ug/L
BH58843	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	1100	100	5	5	ug/L
BH58843	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	1100	100	5	5	ug/L
BH58843	$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromoform	NY / TOGS - Water Quality / GA Criteria	ND	500	50	50	ug/L
BH58843	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	100	100	5	5	ug/L
BH58843	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	Bromobenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,3-Trichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.04	0.04	ug/L
BH58843	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	280	100	5	5	ug/L
BH58843	$8260DP25R	2-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	710	100	5	5	ug/L
BH58843	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	4-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	2000	100	5	5	ug/L
BH58843	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	100	3	3	ug/L
BH58843	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	1,4-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	5	5	ug/L
BH58843	$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	100	5	5	ug/L
BH58843	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	37	100	5	5	ug/L
BH58843	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	100	4.7	4.7	ug/L
BH58843	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	100	0.04	0.04	ug/L

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58843	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	100	0.5	0.5	ug/L
BH58843	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	370	100	5	5	ug/L
BH58843	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	370	100	10	10	ug/L
BH58844	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	35	1.4	0.7	0.7	ug/L
BH58844	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	35	1.4	1	1	ug/L
BH58844	$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	13	1.0	5	5	ug/L
BH58844	$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH58844	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.0	1.0	5	5	ug/L
BH58844	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.0	1.0	5	5	ug/L
BH58844	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5	ug/L
BH58844	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58844	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	9.7	1.0	5	5	ug/L
BH58844	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	46	2.0	5	5	ug/L
BH58844	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH58844	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5	ug/L
BH58844	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	19	1.0	10	10	ug/L
BH58845	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.4	0.7	0.7	ug/L
BH58845	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	12	1.4	1	1	ug/L
BH58845	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BH58845	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	9.2	2.0	5	5	ug/L
BH58845	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	9.2	2.0	5	5	ug/L
BH58845	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH58845	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	6.1	2.0	5	5	ug/L
BH58845	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	11	2.0	5	5	ug/L
BH58845	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH58846	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BH58846	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58846	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	ug/Kg
BH58846	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	140	280	50	50	ug/Kg
BH58846	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BH58846	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg
BH58846	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BH58846	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58846	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	220	280	60	60	ug/Kg
BH58846	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58846	$8260-SMDPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3300	280	700	700	ug/Kg
BH58846	$8260-SMDPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/Kg
BH58846	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	7300	280	3600	3600	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58846	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1100	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	1300	1000	1000	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	330	330	ug/Kg
BH58846	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BH58846	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	68.6	0.36	50	50	mg/kg
BH58846	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.55	0.08	0.18	0.18	mg/Kg
BH58846	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	147	7.1	63	63	mg/Kg
BH58846	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	180	7.1	109	109	mg/Kg
BH58847	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	280	210	210	ug/Kg
BH58847	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58847	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2800	50	50	ug/Kg
BH58847	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	150	280	50	50	ug/Kg
BH58847	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	190	190	ug/Kg
BH58847	$8260-SMDPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	270	270	ug/Kg
BH58847	$8260-SMDPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	250	250	ug/Kg
BH58847	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1700	120	120	ug/Kg
BH58847	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	60	60	ug/Kg
BH58847	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	280	20	20	ug/Kg
BH58847	$8260-SMDPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6000	280	3600	3600	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2600	2400	2400	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BH58847	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBH58831 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH58847	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BH58847	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BH58847	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BH58847	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BH58847	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 03, 2015

SDG I.D.: GBH58831

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

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4° C Pg 1 of 2

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

Contact Options:
[ ] Fax:
[X] Phone: (631) 504-6200
[X] Email: Esosik@ebcinc.com

Customer: EBC
Address: Ridge NY

Project: 181 Flushing Ave, Brooklyn NY
Report to: EBC
Invoice to: EBC

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reubenbarrington Date: 12/31/14

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	VOCs	SVOCs	PCBs	TAL Metals	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2oz) oz	GL Soil container (32) 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
58831	B1 Fill	S	12.31.14	9:00			X	X			1							
58832	B1 WT			9:30	X	X					1	1						
58833	B2 Fill			10:00	X	X	X	X			1	1						
58834	B2 WT			10:30	X	X					1	1						
58835	B3 Fill			11:00			X	X			1							
58836	B3 WT			11:30	X	X					1	1						
58837	B6 Fill		12.31.14	8:30			X	X			1							
58838	B6 13-15'			9:00	X	X					1	1						
58839	B9 4-6'			10:00	X	X	X	X			1	1						
58840	B9 WT			10:30	X	X					1	1						

Relinquished by:	Accepted by:	Date:	Time:
		12.31.14	16:45
	Paradiso	12-31-14	1454

Comments, Special Requirements or Regulations:
*B2 Fill analysis for PCBs & TAL metals only

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

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

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

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

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

State where samples were collected: NY

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4 °C Pg 2 of 2

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

Contact Options:
[ ] Fax:
[ ] Phone: (631) 504-6000
[ ] Email: Csosik@ebcincny.com

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 1181 Flushing Ave, Brooklyn NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reuben Levinton Date: 12/31/14

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	VOCs 8260	SVOCs 8270	PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2) oz	GL Soil container (2) oz	40 ml VOA Vial [X] HCl	GL Amber 1000ml [X] As is	PL As is [X] 250ml	PL H2SO4 [ ] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
58841	GW1	GW	11-29-14	12:00	X														3						
58842	GW2			12:30	X														3						
58843	GW3		11-30-14	8:30	X														3						
58844	GW5			10:00	X														3						
58845	GW6			11:00	X														3						
58846	B10 Fill	S		12:00	X	X	X	X									1	1							
58847	B10 WT			12:30	X	X											1	1							

Relinquished by:	Accepted by:	Date:	Time:
		12-31-14	1014
		12-31-14	1454

Comments, Special Requirements or Regulations:

* NO GW4

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

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

NY
[ ] TAGM 4046 GW
[ ] TOGS GA GW
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential
[X] Restricted/Residential
[ ] Commercial
[ ] 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: NY