

**FORMER STERLING TRANSFORMER SITE**  
**510 DRIGGS AVENUE**  
**BROOKLYN, NEW YORK**

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**PHASE II INVESTIGATION**  
**DATA SUMMARY**

NOVEMBER 2014

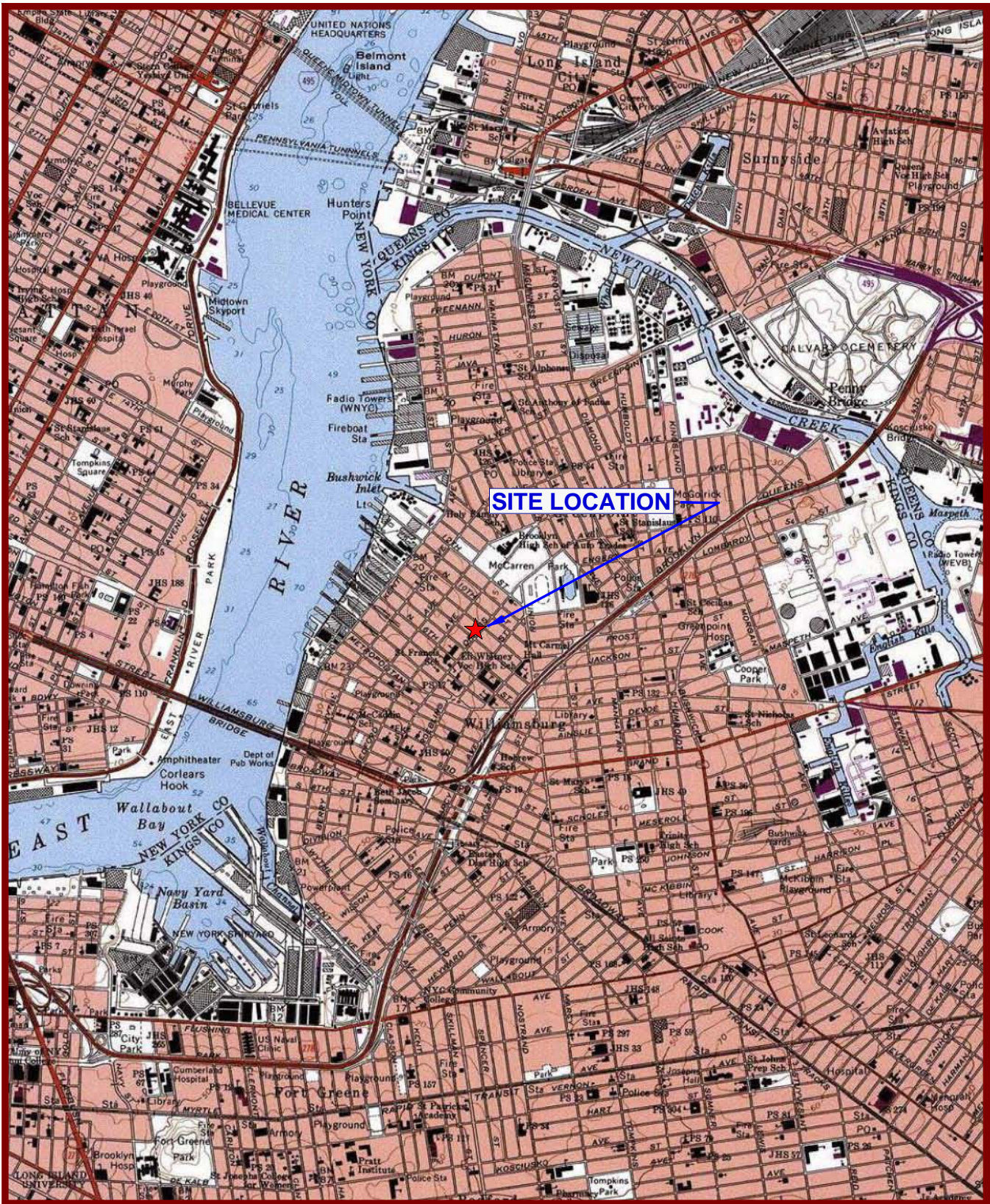
*Prepared By:*

**EBC**

**ENVIRONMENTAL BUSINESS CONSULTANTS**

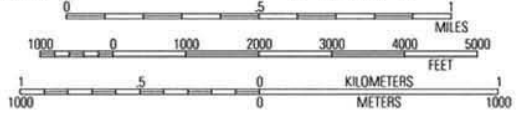
1808 Middle Country Road  
Ridge, NY 11961

**FIGURES**



40°45.000' N  
40°44.000' N  
40°43.000' N  
40°42.000' N

73°59.000' W      73°58.000' W      73°57.000' W      WGS84 73°56.000' W



MNTN  
13°  
06/04/11

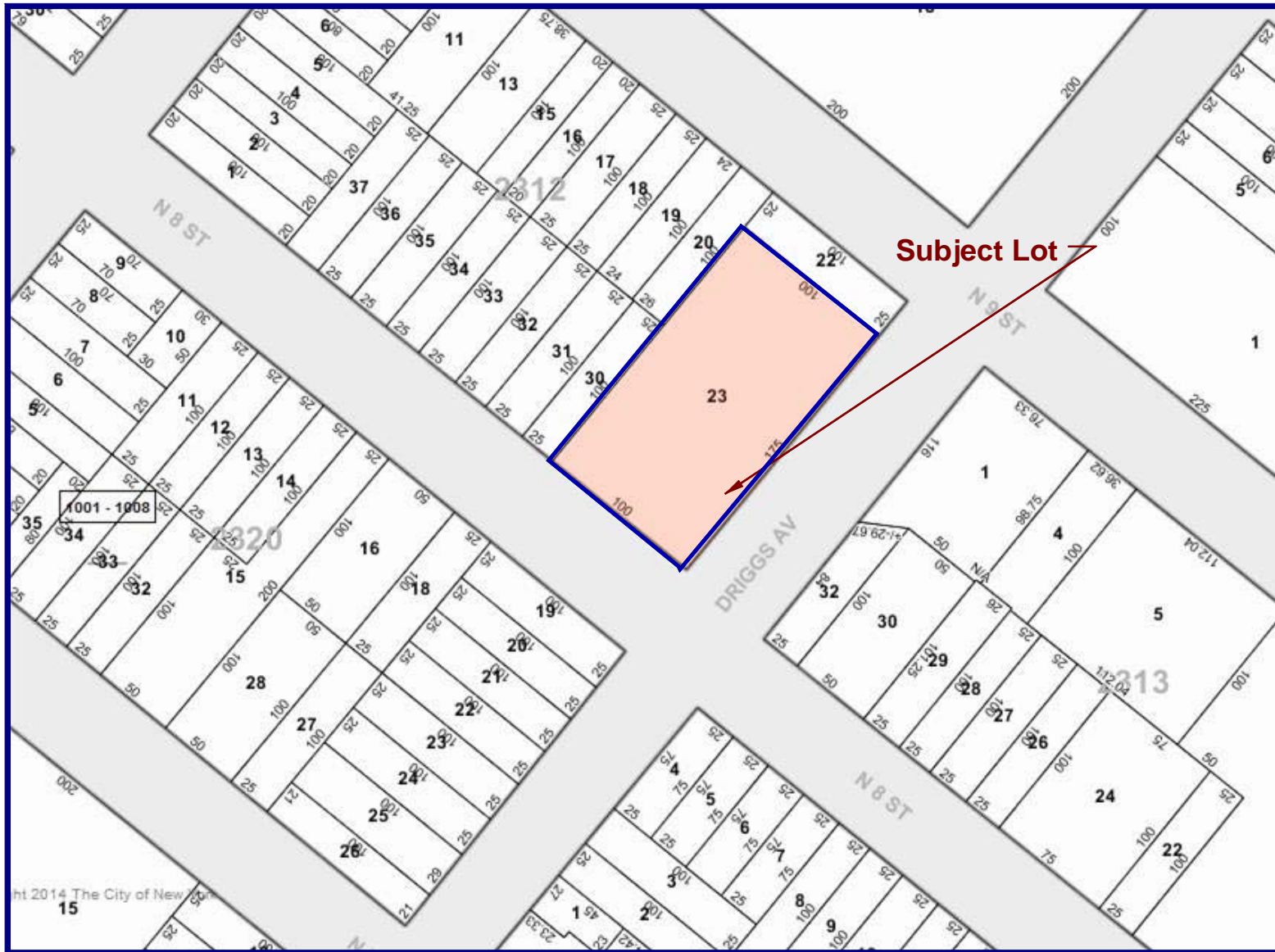
USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

**EBC**  
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**FORMER STERLING TRANSFORMER CORP.**  
510 DRIGGS AVENUE, BROOKLYN, NY

**FIGURE 1**      SITE LOCATION MAP



ht 2014 The City of New York  
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1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

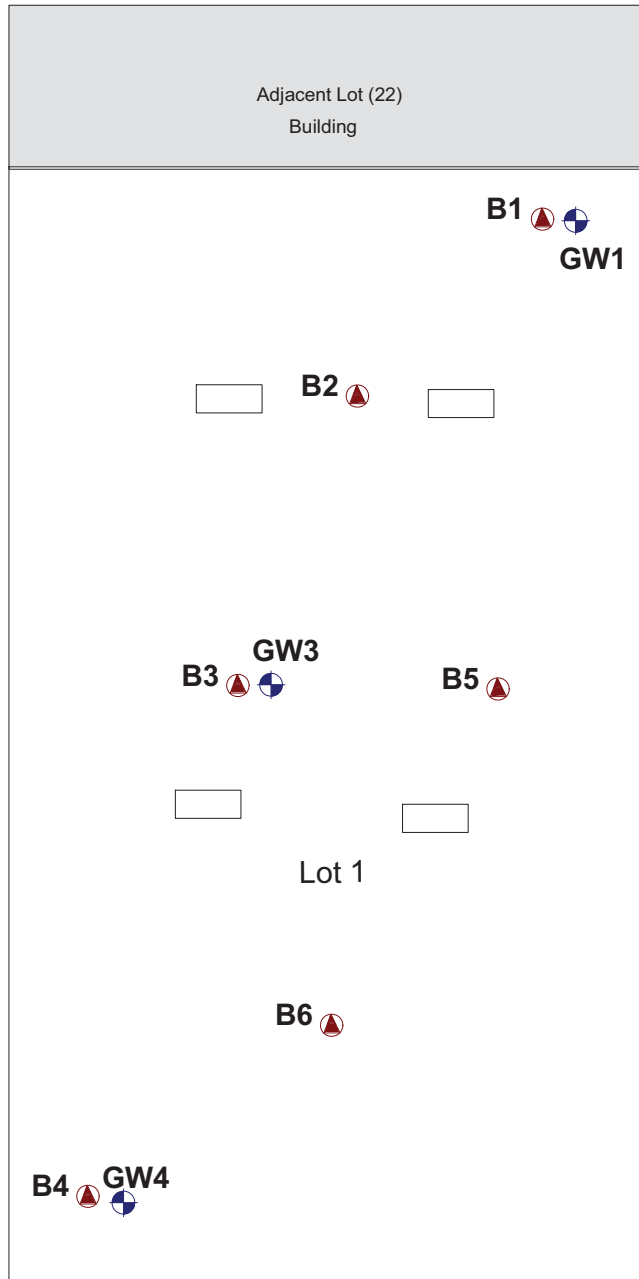
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**FORMER STERLING TRANSFORMER CORP.**  
510 DRIGGS AVENUE, BROOKLYN, NY

**FIGURE 2**

**NYC TAX MAP**

N. 9th STREET



DRIGGS AVENUE

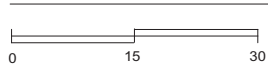
SIDEWALK

N. 8th STREET

**KEY:**

- Property Boundary
- GWx** Groundwater Sampling Location
- Bx** Soil Boring Location

**SCALE:**



Scale: 1 inch = 30 feet



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Figure No.

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Site Name: **REDEVELOPMENT PROJECT**

Site Address: **510 DRIGGS AVENUE, BROOKLYN, NY**

Drawing Title: **SITE SAMPLING LOCATIONS**

# *Phase II Investigation Summary Tables*

TABLE 1  
510 Driggs 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*	B3		B4	
			(18-20') 9/30/2014		(23-25') 9/30/2014	
			µg/Kg		µg/Kg	
			Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 12000	12,000	< 7.7	7.7
1,1,1-Trichloroethane	680	100,000	< 12000	12,000	< 7.7	7.7
1,1,2,2-Tetrachloroethane			< 12000	12,000	< 7.7	7.7
1,1,2-Trichloroethane			< 12000	12,000	< 7.7	7.7
1,1-Dichloroethane	270	26,000	< 12000	12,000	< 7.7	7.7
1,1-Dichloroethene	330	100,000	< 12000	12,000	< 7.7	7.7
1,1-Dichloropropene			< 12000	12,000	< 7.7	7.7
1,2,3-Trichlorobenzene			< 12000	12,000	< 7.7	7.7
1,2,3-Trichloropropane			< 12000	12,000	< 7.7	7.7
1,2,4-Trichlorobenzene			< 12000	12,000	< 7.7	7.7
1,2,4-Trimethylbenzene	3,600	52,000	<b>21,000</b>	12,000	<b>1.6</b>	7.7
1,2-Dibromo-3-chloropropane			< 12000	12,000	< 7.7	7.7
1,2-Dibromomethane			< 12000	12,000	< 7.7	7.7
1,2-Dichlorobenzene	1,100	100,000	< 12000	12,000	< 7.7	7.7
1,2-Dichloroethane	20	3,100	< 12000	12,000	< 7.7	7.7
1,2-Dichloropropane			< 12000	12,000	< 7.7	7.7
1,3,5-Trimethylbenzene	8,400	52,000	<b>12,000</b>	12,000	< 7.7	7.7
1,3-Dichlorobenzene	2,400	4,900	< 12000	12,000	< 7.7	7.7
1,3-Dichloropropane			< 12000	12,000	< 7.7	7.7
1,4-Dichlorobenzene	1,800	13,000	< 12000	12,000	< 7.7	7.7
2,2-Dichloropropane			< 12000	12,000	< 7.7	7.7
2-Chlorotoluene			< 12000	12,000	< 7.7	7.7
2-Hexanone (Methyl Butyl Ketone)			< 60000	60,000	< 38	38
2-Isopropyltoluene			< 12000	12,000	< 7.7	7.7
4-Chlorotoluene			< 12000	12,000	< 7.7	7.7
4-Methyl-2-Pentanone			< 60000	60,000	< 38	38
Acetone	50	100,000	< 120000	120,000	< 50	50
Acrylonitrile			< 24000	24,000	< 15	15
Benzene	60	4,800	<b>43,000</b>	12,000	<b>5</b>	7.7
Bromobenzene			< 12000	12,000	< 7.7	7.7
Bromochloromethane			< 12000	12,000	< 7.7	7.7
Bromodichloromethane			< 12000	12,000	< 7.7	7.7
Bromoform			< 12000	12,000	< 7.7	7.7
Bromomethane			< 12000	12,000	< 7.7	7.7
Carbon Disulfide			< 12000	12,000	<b>2.2</b>	7.7
Carbon tetrachloride	760	2,400	< 12000	12,000	< 7.7	7.7
Chlorobenzene	1,100	100,000	< 12000	12,000	< 7.7	7.7
Chloroethane			< 12000	12,000	< 7.7	7.7
Chloroform	370	49,000	< 12000	12,000	< 7.7	7.7
Chloromethane			< 12000	12,000	< 7.7	7.7
cis-1,2-Dichloroethene	250	100,000	< 12000	12,000	< 7.7	7.7
cis-1,3-Dichloropropene			< 12000	12,000	< 7.7	7.7
Dibromochloromethane			< 12000	12,000	< 7.7	7.7
Dibromomethane			< 12000	12,000	< 7.7	7.7
Dichlorodifluoromethane			< 12000	12,000	< 7.7	7.7
Ethylbenzene	1,000	41,000	<b>9,200</b>	12,000	< 7.7	7.7
Hexachlorobutadiene			< 12000	12,000	< 7.7	7.7
Isopropylbenzene			< 12000	12,000	< 7.7	7.7
m&p-Xylenes	260	100,000	<b>82,000</b>	60,000	< 7.7	7.7
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 73000	73,000	< 46	46
Methyl t-butyl ether (MTBE)	930	100,000	< 24000	24,000	< 15	15
Methylene chloride	50	100,000	<b>5,600</b>	12,000	<b>1.5</b>	7.7
Naphthalene	12,000	100,000	<b>880,000</b>	60,000	< 7.7	7.7
n-Butylbenzene	12,000	100,000	< 12000	12,000	< 7.7	7.7
n-Propylbenzene	3,900	100,000	< 12000	12,000	< 7.7	7.7
o-Xylene	260	100,000	<b>18,000</b>	12,000	< 7.7	7.7
p-Isopropyltoluene			< 12000	12,000	< 7.7	7.7
sec-Butylbenzene	11,000	100,000	< 12000	12,000	< 7.7	7.7
Styrene			<b>12,000</b>	12,000	< 7.7	7.7
tert-Butylbenzene	5,900	100,000	< 12000	12,000	< 7.7	7.7
Tetrachloroethene	1,300	19,000	< 12000	12,000	< 7.7	7.7
Tetrahydrofuran (THF)			< 24000	24,000	< 15	15
Toluene	700	100,000	<b>91,000</b>	60,000	< 7.7	7.7
trans-1,2-Dichloroethene	190	100,000	< 12000	12,000	< 7.7	7.7
trans-1,3-Dichloropropene			< 12000	12,000	< 7.7	7.7
trans-1,4-dichloro-2-butene			< 24000	24,000	< 15	15
Trichloroethene	470	21,000	< 12000	12,000	< 7.7	7.7
Trichlorofluoromethane			< 12000	12,000	< 7.7	7.7
Trichlorotrifluoroethane			< 12000	12,000	< 7.7	7.7
Vinyl Chloride	20	900	< 12000	12,000	< 7.7	7.7
Total BTEX Concentration			<b>243200</b>		<b>5</b>	
Total VOCs Concentration			<b>1173800</b>		<b>10.3</b>	

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  
510 Driggs 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*	B3		B4	
			(18-20') 9/30/2014		(23-25') 9/30/2014	
			µg/Kg		µg/Kg	
			Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 54000	54,000	< 260	260
1,2,4-Trichlorobenzene			< 54000	54,000	< 260	260
1,2-Dichlorobenzene			< 54000	54,000	< 260	260
1,2-Diphenylhydrazine			< 54000	54,000	< 260	260
1,3-Dichlorobenzene			< 54000	54,000	< 260	260
1,4-Dichlorobenzene			< 54000	54,000	< 260	260
2,4,5-Trichlorophenol			< 54000	54,000	< 260	260
2,4,6-Trichlorophenol			< 54000	54,000	< 260	260
2,4-Dichlorophenol			< 54000	54,000	< 260	260
2,4-Dimethylphenol			<b>46,000</b>	54,000	< 260	260
2,4-Dinitrophenol			< 390000	390,000	< 1800	1,800
2,4-Dinitrotoluene			< 54000	54,000	< 260	260
2,6-Dinitrotoluene			< 54000	54,000	< 260	260
2-Chloronaphthalene			< 54000	54,000	< 260	260
2-Chlorophenol			< 54000	54,000	< 260	260
2-Methylnaphthalene			<b>400,000</b>	54,000	< 260	260
2-Methylphenol (o-cresol)	330	100,000	< 54000	54,000	< 260	260
2-Nitroaniline			< 390000	390,000	< 1800	1,800
2-Nitrophenol			< 54000	54,000	< 260	260
3&4-Methylphenol (m&p-cresol)	330	100,000	<b>53,000</b>	54,000	< 260	260
3,3'-Dichlorobenzidine			< 150000	150,000	< 730	730
3-Nitroaniline			< 390000	390,000	< 1800	1,800
4,6-Dinitro-2-methylphenol			< 390000	390,000	< 1800	1,800
4-Bromophenyl phenyl ether			< 54000	54,000	< 260	260
4-Chloro-3-methylphenol			< 54000	54,000	< 260	260
4-Chloroaniline			< 150000	150,000	< 730	730
4-Chlorophenyl phenyl ether			< 54000	54,000	< 260	260
4-Nitroaniline			< 390000	390,000	< 1800	1,800
4-Nitrophenol			< 390000	390,000	< 1800	1,800
Acenaphthene	20,000	100,000	<b>49,000</b>	54,000	< 260	260
Acenaphthylene	100,000	100,000	<b>170,000</b>	54,000	< 260	260
Acetophenone			< 54000	54,000	< 260	260
Aniline			< 390000	390,000	< 1800	1,800
Anthracene	100,000	100,000	<b>190,000</b>	54,000	< 260	260
Benz(a)anthracene	1,000	1,000	<b>150,000</b>	54,000	< 260	260
Benzidine			< 150000	150,000	< 730	730
Benzo(a)pyrene	1,000	1,000	<b>86,000</b>	54,000	< 260	260
Benzo(b)fluoranthene	1,000	1,000	<b>100,000</b>	54,000	< 260	260
Benzo(ghi)perylene	100,000	100,000	<b>30,000</b>	54,000	< 260	260
Benzo(k)fluoranthene	800	3,900	<b>37,000</b>	54,000	< 260	260
Benzoic acid			< 390000	390,000	< 1800	1,800
Benzyl butyl phthalate			< 54000	54,000	< 260	260
Bis(2-chloroethoxy)methane			< 54000	54,000	< 260	260
Bis(2-chloroethyl)ether			< 54000	54,000	< 260	260
Bis(2-chloroisopropyl)ether			< 54000	54,000	< 260	260
Bis(2-ethylhexyl)phthalate			< 54000	54,000	< 260	260
Carbazole			<b>120,000</b>	390,000	< 1800	1,800
Chrysene	1,000	3,900	<b>120,000</b>	54,000	< 260	260
Dibenz(a,h)anthracene	330	330	< 54000	54,000	< 260	260
Dibenzofuran	7,000	59,000	<b>170,000</b>	54,000	< 260	260
Diethyl phthalate			< 54000	54,000	< 260	260
Dimethylphthalate			< 54000	54,000	< 260	260
Di-n-butylphthalate			< 54000	54,000	< 260	260
Di-n-octylphthalate			< 54000	54,000	< 260	260
Fluoranthene	100,000	100,000	<b>330,000</b>	54,000	< 260	260
Fluorene	30,000	100,000	<b>240,000</b>	54,000	< 260	260
Hexachlorobenzene			< 54000	54,000	< 260	260
Hexachlorobutadiene			< 54000	54,000	< 260	260
Hexachlorocyclopentadiene			< 54000	54,000	< 260	260
Hexachloroethane			< 54000	54,000	< 260	260
Indeno(1,2,3-cd)pyrene	500	500	<b>27,000</b>	54,000	< 260	260
Isophorone			< 54000	54,000	< 260	260
Naphthalene	12,000	100,000	<b>1,100,000</b>	270,000	< 260	260
Nitrobenzene			< 54000	54,000	< 260	260
N-Nitrosodimethylamine			< 54000	54,000	< 260	260
N-Nitrosodi-n-propylamine			< 54000	54,000	< 260	260
N-Nitrosodiphenylamine			< 54000	54,000	< 260	260
Pentachloronitrobenzene			< 54000	54,000	< 260	260
Pentachlorophenol	800	6,700	< 54000	54,000	< 260	260
Phenanthrene	100,000	100,000	<b>660,000</b>	54,000	< 260	260
Phenol	330	100,000	< 54000	54,000	< 260	260
Pyrene	100,000	100,000	<b>280,000</b>	54,000	< 260	260
Pyridine			< 54000	54,000	< 260	260

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  
 510 Driggs 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		B3		B4	
				(0-2')		(0-2')		(0-2')	
				9/30/2014		9/30/2014		9/30/2014	
				µg/Kg		µg/Kg		µg/Kg	
				Result	RL	Result	RL	Result	RL
PCBs	PCB-1016	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1221	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1232	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1242	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1248	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1254	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1260	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1262	100	1,000	< 36	36	< 36	36	< 36	36
	PCB-1268	100	1,000	< 36	36	< 36	36	< 36	36

**Notes:**

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

TABLE 4A  
510 Driggs 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		B3		B4	
			(0-2')		(0-2')		(0-2')	
			9/30/2014		9/30/2014		9/30/2014	
			mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL
Arsenic	13	16	<b>2.6</b>	0.7	<b>4.6</b>	0.7	<b>3.1</b>	0.8
Barium	350	350	<b>62.5</b>	0.7	<b>82.1</b>	0.7	<b>111</b>	0.8
Cadmium	2.5	2.5	< 0.36	0.36	<b>0.17</b>	0.36	< 0.39	0.39
Chromium	30	180	<b>21.2</b>	0.36	<b>21.7</b>	0.36	<b>18.3</b>	0.39
Lead	63	400	<b>38.4</b>	0.7	<b>84.7</b>	0.7	<b>89.1</b>	0.8
Mercury	0.18	0.81	<b>0.08</b>	0.06	<b>0.19</b>	0.06	<b>0.17</b>	0.08
Selenium	3.9	36	< 1.4	1.4	< 1.4	1.4	< 1.6	1.6
Silver	2	36	< 0.36	0.36	< 0.36	0.36	< 0.39	0.39

**Notes:**

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

RL- Reporting Limit

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

TABLE 4B  
 510 Driggs Avenue,  
 Brooklyn, New York  
 Soil Analytical Results  
 TCLP Lead

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1		B3		B4	
			(0-2')		(0-2')		(0-2')	
			9/30/2014		9/30/2014		9/30/2014	
			mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL
Lead	63	400	<b>38.4</b>	0.7	<b>84.7</b>	0.7	<b>89.1</b>	0.8
TCLP Lead			<b>0.01</b>	0.1	<b>0.05</b>	0.1	< 0.10	0.1

**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  
510 Driggs Avenue  
Brooklyn, New York  
Ground Water Analytical Results  
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1		GW3		GW4	
		9/30/2014		9/30/2014		9/30/2014	
		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 1.0	1	< 50	50	< 5.0	5
1,1,1-Trichloroethane	5	< 5.0	5	< 250	250	< 5.0	5
1,1,2,2-Tetrachloroethane	5	< 1.0	1	< 50	50	< 5.0	5
1,1,2-Trichloroethane	1	< 1.0	1	< 50	50	< 1.0	1
1,1-Dichloroethane	5	< 5.0	5	< 250	250	< 5.0	5
1,1-Dichloroethene	5	< 1.0	1	< 50	50	< 5.0	5
1,1-Dichloropropene		< 1.0	1	< 50	50	< 5.0	5
1,2,3-Trichlorobenzene		< 1.0	1	< 50	50	< 5.0	5
1,2,3-Trichloropropane	0.04	< 1.0	1	< 50	50	< 2.0	2
1,2,4-Trichlorobenzene		< 1.0	1	< 50	50	< 5.0	5
1,2,4-Trimethylbenzene	5	< 1.0	1	<b>380</b>	50	<b>110</b>	5
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 50	50	< 2.0	2
1,2-Dibromoethane		< 1.0	1	< 50	50	< 1.0	1
1,2-Dichlorobenzene	5	< 1.0	1	< 50	50	< 4.0	4
1,2-Dichloroethane	0.6	< 0.60	0.6	< 30	30	< 1.0	1
1,2-Dichloropropane	0.94	< 1.0	1	< 50	50	< 1.0	1
1,3,5-Trimethylbenzene	5	< 1.0	1	<b>180</b>	50	<b>52</b>	5
1,3-Dichlorobenzene		< 1.0	1	< 50	50	< 3.0	3
1,3-Dichloropropane	5	< 1.0	1	< 50	50	< 5.0	5
1,4-Dichlorobenzene	5	< 1.0	1	< 50	50	< 5.0	5
2,2-Dichloropropane	5	< 1.0	1	< 50	50	< 5.0	5
2-Chlorotoluene	5	< 1.0	1	< 50	50	< 5.0	5
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	< 50	50	< 5.0	5
2-Isopropyltoluene	5	< 1.0	1	< 50	50	< 5.0	5
4-Chlorotoluene	5	< 1.0	1	< 50	50	< 5.0	5
4-Methyl-2-Pentanone		< 1.0	1	< 50	50	< 5.0	5
Acetone		<b>3.7</b>	5	< 50	50	<b>6.9</b>	25
Acrolein		< 5.0	5	< 250	250	< 5.0	5
Acrylonitrile	5	< 5.0	5	< 250	250	< 5.0	5
Benzene	1	<b>0.32</b>	0.7	<b>4,300</b>	280	<b>730</b>	70
Bromobenzene	5	< 1.0	1	< 50	50	< 5.0	5
Bromochloromethane	5	< 1.0	1	< 50	50	< 5.0	5
Bromodichloromethane		< 1.0	1	< 50	50	< 5.0	5
Bromoform		< 5.0	5	< 50	50	< 25	25
Bromomethane	5	< 5.0	5	< 250	250	< 5.0	5
Carbon Disulfide	60	<b>0.39</b>	1	< 50	50	< 5.0	5
Carbon tetrachloride	5	< 1.0	1	< 50	50	< 5.0	5
Chlorobenzene	5	< 5.0	5	< 250	250	< 5.0	5
Chloroethane	5	<b>0.27</b>	5	< 250	250	< 5.0	5
Chloroform	7	< 5.0	5	< 250	250	< 5.0	5
Chloromethane	60	< 5.0	5	< 250	250	<b>1.4</b>	5
cis-1,2-Dichloroethene	5	<b>18</b>	1	<b>470</b>	50	< 5.0	5
cis-1,3-Dichloropropene		< 0.40	0.4	< 20	20	< 1.0	1
Dibromochloromethane		< 1.0	1	< 50	50	< 5.0	5
Dibromomethane	5	< 1.0	1	< 50	50	< 5.0	5
Dichlorodifluoromethane	5	<b>0.33</b>	1	< 50	50	< 5.0	5
Ethylbenzene	5	< 1.0	1	<b>350</b>	50	<b>270</b>	25
Hexachlorobutadiene	0.5	< 0.50	0.5	< 50	50	< 1.0	1
Isopropylbenzene	5	< 1.0	1	< 50	50	<b>15</b>	5
m&p-Xylenes	5	< 1.0	1	<b>1,600</b>	50	<b>520</b>	25
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 50	50	< 5.0	5
Methyl t-butyl ether (MTBE)	10	< 1.0	1	< 50	50	< 5.0	5
Methylene chloride	5	< 3.0	3	<b>16</b>	150	<b>1.4</b>	5
Naphthalene	10	< 1.0	1	<b>9,400</b>	400	<b>2,000</b>	100
n-Butylbenzene	5	< 1.0	1	< 50	50	< 5.0	5
n-Propylbenzene	5	< 1.0	1	< 50	50	<b>1.4</b>	5
o-Xylene	5	< 1.0	1	<b>570</b>	50	<b>230</b>	25
p-Isopropyltoluene		< 1.0	1	< 50	50	<b>1.6</b>	5
sec-Butylbenzene	5	< 1.0	1	< 50	50	< 5.0	5
Styrene	5	< 1.0	1	<b>270</b>	50	<b>13</b>	5
tert-Butylbenzene	5	< 1.0	1	< 50	50	< 5.0	5
Tetrachloroethene	5	< 1.0	1	< 50	50	< 5.0	5
Tetrahydrofuran (THF)		< 5.0	5	< 50	50	< 25	25
Toluene	5	< 1.0	1	<b>3,800</b>	400	<b>630</b>	25
trans-1,2-Dichloroethene	5	<b>0.98</b>	5	< 250	250	< 5.0	5
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 20	20	< 1.0	1
trans-1,4-dichloro-2-butene	5	< 1.0	1	< 50	50	< 5.0	5
Trichloroethene	5	<b>18</b>	1	<b>27</b>	50	< 5.0	5
Trichlorofluoromethane	5	< 1.0	1	< 50	50	< 5.0	5
Trichlorotrifluoroethane		< 1.0	1	< 50	50	< 5.0	5
Vinyl Chloride	2	<b>2.5</b>	1	<b>530</b>	50	<b>4.3</b>	5

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

# *Boring Logs*

# Geologic Boring Log Details



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## B1 Boring Log

Location: Performed in the northeast corner of Site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: APC1402	Address: 510 Driggs Avenue, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C <sup>2</sup> Environmental	Method: Geoprobe	10 Feet	
Date Started: 9/30/2014	Date Completed: 9/30/2014	Well Specifications	
Completion Depth: 20 Feet	Geologist Sunny Chen	None	

B1 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				12"- Asphalt and brown sandy fill (Fill material) 10"- Brown silty sand with no odor 20"- Brown sand fill with some brick and wood
	to	42		0.0	
	5				*Retained soil sample B1(0-2)
	to	36		0.0	8"- Brown silty sand with no odor 1"- Crushed rock 15"- Brown silty fine sand 2"- Brick 10"- Brown wet silty sand
	10				30"- Light brown silty sand with water 20"- Brown silty sand with water
	to	50		0.0	
	15				*Retained soil sample B1(10-12)
	to	45		0.0	45"- Brown medium silty sand
	20				



# Geologic Boring Log Details



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## B3 Boring Log (Attempt #1)

Location: Performed on the north side of the Site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: APC1402	Address: 510 Driggs Avenue, Brooklyn, NY	Date	DTW
Groundwater depth		Ground Elevation	
Drilling Company: C <sup>2</sup> Environmental		Method: Geoprobe	
Date Started: 9/30/2014		Date Completed: 9/30/2014	
Completion Depth: 25 Feet		Geologist Sunny Chen	
		15 Feet	
		Well Specifications  None	

B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	48		0.0	8"- Asphalt with sandy fill with brick 20"- Brown sand fill with brick 10"- Brown silty sand with loam 10"- Brown sand fill, silty with brick <i>*Retained soil sample B3(0-2)</i>
	5				46"- Brown silty sand
	to	46		0.0	
	10				26"- Brown silty sand 5"- Brown silty medium sand 15"- Brown wet silty medium sand with water
	to	46		0.0	
	15				61"- Brown wet silty fine sand
	to	61		0.0	
	20				55"- Brown wet silty fine sand
	to	55		0.0	
	25				





# Geologic Boring Log Details



**ENVIRONMENTAL BUSINESS CONSULTANTS**

## B4 Boring Log

Location: Performed in the southwest corner of the Site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: APC1402	Address: 510 Driggs Avenue, Brooklyn, NY	Date	DTW
Drilling Company: C <sup>2</sup> Environmental		Groundwater depth	
Date Started: 9/30/2014	Date Completed: 9/30/2014	15 Feet	
Completion Depth: 25 Feet	Geologist Sunny Chen	Well Specifications  None	

B4 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	33		0.0	3"- Asphalt (fill material) 6'- Sand fill (fill material) 3"- Crushed Rock (fill material) 12"- Brown silty sand with a little brick <i>*Retained soil sample B4(0-2)</i>
	5				
	to	33		0.0	33"- Brown silty sand
	10				
	to	34		0.0	14"- Brown fine sand 20"- Brown silty fine sand
	15				
	to	33		0.0	33"- Brown silty sand wet
	20				
	to	34		0.0	17"- Brown silty sand 7"- Tan fine sand 10"- Grey silty sand
25					



# *Laboratory Reports*



Tuesday, October 21, 2014

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

Project ID: 510 DRIGGS AVE., BROOKLYN  
Sample ID#s: BH21768 - BH21772

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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



## SDG Comments

October 21, 2014

SDG I.D.: GBH21768

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Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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



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**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Environmental Business Consultants  
Project: 510 DRIGGS AVE., BROOKLYN  
Laboratory Project: GBH21768**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 21, 2014

SDG I.D.: GBH21768

Environmental Business Consultants 510 DRIGGS AVE., BROOKLYN

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## 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.

## Sample Id Cross Reference

Client Id	Lab Id	Matrix
B3 18-20	BH21768	SOIL
B1 0-2	BH21769	SOIL
B3 0-2	BH21770	SOIL
B4 0-2	BH21771	SOIL
B4 23-25	BH21772	SOIL

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## NY Analytical Services Protocol Format

October 21, 2014

SDG I.D.: GBH21768

Environmental Business Consultants 510 DRIGGS 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
BH21768	Semivolatiles	09/30/14	10/01/14	10/02/14	DD	Y
BH21768	Volatiles	09/30/14	10/02/14	10/02/14	JLI	Y
BH21769	Arsenic	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Barium	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Cadmium	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Chromium	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Lead	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Mercury	09/30/14	10/02/14	10/02/14	RS	Y
BH21769	Polychlorinated Biphenyls	09/30/14	10/01/14	10/02/14	AW	Y
BH21769	Selenium	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	Silver	09/30/14	10/01/14	10/06/14	LK	Y
BH21769	TCLP Lead	09/30/14	10/01/14	10/03/14	EK	Y
BH21770	Arsenic	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Barium	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Cadmium	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Chromium	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Lead	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Mercury	09/30/14	10/02/14	10/02/14	RS	Y
BH21770	Polychlorinated Biphenyls	09/30/14	10/01/14	10/02/14	AW	Y
BH21770	Selenium	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	Silver	09/30/14	10/01/14	10/06/14	LK	Y
BH21770	TCLP Lead	09/30/14	10/01/14	10/03/14	EK	Y
BH21771	Arsenic	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Barium	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Cadmium	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Chromium	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Lead	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Mercury	09/30/14	10/02/14	10/02/14	RS	Y
BH21771	Polychlorinated Biphenyls	09/30/14	10/01/14	10/02/14	AW	Y
BH21771	Selenium	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	Silver	09/30/14	10/01/14	10/06/14	LK	Y
BH21771	TCLP Lead	09/30/14	10/01/14	10/03/14	EK	Y



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Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 21, 2014

SDG I.D.: GBH21768

**Environmental Business Consultants 510 DRIGGS AVE., BROOKLYN**

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BH21772	Semivolatiles	09/30/14	10/01/14	10/02/14	DD	Y
BH21772	Volatiles	09/30/14	10/02/14	10/02/14	JLI	Y

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

# Analysis Report

October 21, 2014

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

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

9:00  
 16:06

## Laboratory Data

SDG ID: GBH21768  
 Phoenix ID: BH21768

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: B3 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	85			%	10/01/14	I	E160.3
Soil Extraction for SVOA	Completed				10/01/14	JJ/VH	SW3545
Field Extraction	Completed				09/30/14		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	12000	2000	ug/Kg	10/02/14	JLI	SW8260
1,1,1-Trichloroethane	ND	12000	2400	ug/Kg	10/02/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260
1,1,2-Trichloroethane	ND	12000	1200	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloroethane	ND	12000	2400	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloroethene	ND	12000	2600	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloropropene	ND	12000	2300	ug/Kg	10/02/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	12000	2400	ug/Kg	10/02/14	JLI	SW8260
1,2,3-Trichloropropane	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	12000	2400	ug/Kg	10/02/14	JLI	SW8260
1,2,4-Trimethylbenzene	21000	12000	1700	ug/Kg	10/02/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	12000	3200	ug/Kg	10/02/14	JLI	SW8260
1,2-Dibromoethane	ND	12000	3200	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichlorobenzene	ND	12000	1300	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichloroethane	ND	12000	1100	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichloropropane	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260
1,3,5-Trimethylbenzene	12000	J 12000	1600	ug/Kg	10/02/14	JLI	SW8260
1,3-Dichlorobenzene	ND	12000	1800	ug/Kg	10/02/14	JLI	SW8260
1,3-Dichloropropane	ND	12000	1300	ug/Kg	10/02/14	JLI	SW8260
1,4-Dichlorobenzene	ND	12000	1900	ug/Kg	10/02/14	JLI	SW8260
2,2-Dichloropropane	ND	12000	2000	ug/Kg	10/02/14	JLI	SW8260
2-Chlorotoluene	ND	12000	1900	ug/Kg	10/02/14	JLI	SW8260
2-Hexanone	ND	60000	5400	ug/Kg	10/02/14	JLI	SW8260

Client ID: B3 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2-Isopropyltoluene	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260	1
4-Chlorotoluene	ND	12000	1400	ug/Kg	10/02/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	60000	2900	ug/Kg	10/02/14	JLI	SW8260	
Acetone	ND	120000	12000	ug/Kg	10/02/14	JLI	SW8260	
Acrylonitrile	ND	24000	6800	ug/Kg	10/02/14	JLI	SW8260	
Benzene	43000	12000	2400	ug/Kg	10/02/14	JLI	SW8260	
Bromobenzene	ND	12000	1600	ug/Kg	10/02/14	JLI	SW8260	
Bromochloromethane	ND	12000	1800	ug/Kg	10/02/14	JLI	SW8260	
Bromodichloromethane	ND	12000	1500	ug/Kg	10/02/14	JLI	SW8260	
Bromoform	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260	
Bromomethane	ND	12000	9300	ug/Kg	10/02/14	JLI	SW8260	
Carbon Disulfide	ND	12000	2000	ug/Kg	10/02/14	JLI	SW8260	B
Carbon tetrachloride	ND	12000	1400	ug/Kg	10/02/14	JLI	SW8260	
Chlorobenzene	ND	12000	1800	ug/Kg	10/02/14	JLI	SW8260	
Chloroethane	ND	12000	2800	ug/Kg	10/02/14	JLI	SW8260	
Chloroform	ND	12000	2200	ug/Kg	10/02/14	JLI	SW8260	
Chloromethane	ND	12000	6300	ug/Kg	10/02/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	12000	2600	ug/Kg	10/02/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	12000	1300	ug/Kg	10/02/14	JLI	SW8260	
Dibromochloromethane	ND	12000	1400	ug/Kg	10/02/14	JLI	SW8260	
Dibromomethane	ND	12000	1500	ug/Kg	10/02/14	JLI	SW8260	
Dichlorodifluoromethane	ND	12000	3200	ug/Kg	10/02/14	JLI	SW8260	
Ethylbenzene	9200	J 12000	2200	ug/Kg	10/02/14	JLI	SW8260	
Hexachlorobutadiene	ND	12000	2500	ug/Kg	10/02/14	JLI	SW8260	
Isopropylbenzene	ND	12000	2300	ug/Kg	10/02/14	JLI	SW8260	
m&p-Xylene	82000	D 60000	24000	ug/Kg	10/02/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	73000	10000	ug/Kg	10/02/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	24000	3300	ug/Kg	10/02/14	JLI	SW8260	
Methylene chloride	5600	JBS 12000	2000	ug/Kg	10/02/14	JLI	SW8260	B
Naphthalene	880000	D 60000	16000	ug/Kg	10/02/14	JLI	SW8260	
n-Butylbenzene	ND	12000	2200	ug/Kg	10/02/14	JLI	SW8260	
n-Propylbenzene	ND	12000	2200	ug/Kg	10/02/14	JLI	SW8260	
o-Xylene	18000	12000	4600	ug/Kg	10/02/14	JLI	SW8260	
p-Isopropyltoluene	ND	12000	1700	ug/Kg	10/02/14	JLI	SW8260	
sec-Butylbenzene	ND	12000	2300	ug/Kg	10/02/14	JLI	SW8260	
Styrene	12000	J 12000	3500	ug/Kg	10/02/14	JLI	SW8260	
tert-Butylbenzene	ND	12000	1900	ug/Kg	10/02/14	JLI	SW8260	
Tetrachloroethene	ND	12000	2500	ug/Kg	10/02/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	24000	11000	ug/Kg	10/02/14	JLI	SW8260	1
Toluene	91000	D 60000	9500	ug/Kg	10/02/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	12000	2400	ug/Kg	10/02/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	12000	2500	ug/Kg	10/02/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	24000	22000	ug/Kg	10/02/14	JLI	SW8260	
Trichloroethene	ND	12000	2600	ug/Kg	10/02/14	JLI	SW8260	
Trichlorofluoromethane	ND	12000	2700	ug/Kg	10/02/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	12000	1900	ug/Kg	10/02/14	JLI	SW8260	
Vinyl chloride	ND	12000	3900	ug/Kg	10/02/14	JLI	SW8260	
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	97			%	10/02/14	JLI	70 - 121 %	

Client ID: B3 18-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Bromofluorobenzene	98			%	10/02/14	JLI	59 - 113 %
% Dibromofluoromethane	93			%	10/02/14	JLI	70 - 130 %
% Toluene-d8	102			%	10/02/14	JLI	84 - 138 %
<b>Semivolatiles</b>							
1,2,4,5-Tetrachlorobenzene	ND	54000	27000	ug/Kg	10/02/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
1,2-Dichlorobenzene	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	54000	25000	ug/Kg	10/02/14	DD	SW 8270
1,3-Dichlorobenzene	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
1,4-Dichlorobenzene	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	54000	42000	ug/Kg	10/02/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	54000	25000	ug/Kg	10/02/14	DD	SW 8270
2,4-Dichlorophenol	ND	54000	27000	ug/Kg	10/02/14	DD	SW 8270
2,4-Dimethylphenol	46000	J 54000	19000	ug/Kg	10/02/14	DD	SW 8270
2,4-Dinitrophenol	ND	390000	54000	ug/Kg	10/02/14	DD	SW 8270
2,4-Dinitrotoluene	ND	54000	30000	ug/Kg	10/02/14	DD	SW 8270
2,6-Dinitrotoluene	ND	54000	24000	ug/Kg	10/02/14	DD	SW 8270
2-Chloronaphthalene	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
2-Chlorophenol	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
2-Methylnaphthalene	400000	54000	23000	ug/Kg	10/02/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	54000	36000	ug/Kg	10/02/14	DD	SW 8270
2-Nitroaniline	ND	390000	78000	ug/Kg	10/02/14	DD	SW 8270
2-Nitrophenol	ND	54000	49000	ug/Kg	10/02/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	53000	J 54000	30000	ug/Kg	10/02/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	150000	37000	ug/Kg	10/02/14	DD	SW 8270
3-Nitroaniline	ND	390000	170000	ug/Kg	10/02/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	390000	83000	ug/Kg	10/02/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	54000	27000	ug/Kg	10/02/14	DD	SW 8270
4-Chloroaniline	ND	150000	36000	ug/Kg	10/02/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	54000	26000	ug/Kg	10/02/14	DD	SW 8270
4-Nitroaniline	ND	390000	26000	ug/Kg	10/02/14	DD	SW 8270
4-Nitrophenol	ND	390000	35000	ug/Kg	10/02/14	DD	SW 8270
Acenaphthene	49000	J 54000	24000	ug/Kg	10/02/14	DD	SW 8270
Acenaphthylene	170000	54000	22000	ug/Kg	10/02/14	DD	SW 8270
Acetophenone	ND	54000	24000	ug/Kg	10/02/14	DD	SW 8270
Aniline	ND	390000	160000	ug/Kg	10/02/14	DD	SW 8270
Anthracene	190000	54000	25000	ug/Kg	10/02/14	DD	SW 8270
Benz(a)anthracene	150000	54000	26000	ug/Kg	10/02/14	DD	SW 8270
Benzidine	ND	150000	45000	ug/Kg	10/02/14	DD	SW 8270
Benzo(a)pyrene	86000	54000	25000	ug/Kg	10/02/14	DD	SW 8270
Benzo(b)fluoranthene	100000	54000	26000	ug/Kg	10/02/14	DD	SW 8270
Benzo(ghi)perylene	30000	J 54000	25000	ug/Kg	10/02/14	DD	SW 8270
Benzo(k)fluoranthene	37000	J 54000	26000	ug/Kg	10/02/14	DD	SW 8270
Benzoic acid	ND	390000	150000	ug/Kg	10/02/14	DD	SW 8270
Benzyl butyl phthalate	ND	54000	20000	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	54000	21000	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	54000	21000	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
Carbazole	120000	J 390000	59000	ug/Kg	10/02/14	DD	SW 8270
Chrysene	120000	54000	26000	ug/Kg	10/02/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	54000	25000	ug/Kg	10/02/14	DD	SW 8270
Dibenzofuran	170000	54000	23000	ug/Kg	10/02/14	DD	SW 8270
Diethyl phthalate	ND	54000	24000	ug/Kg	10/02/14	DD	SW 8270
Dimethylphthalate	ND	54000	24000	ug/Kg	10/02/14	DD	SW 8270
Di-n-butylphthalate	ND	54000	21000	ug/Kg	10/02/14	DD	SW 8270
Di-n-octylphthalate	ND	54000	20000	ug/Kg	10/02/14	DD	SW 8270
Fluoranthene	330000	54000	25000	ug/Kg	10/02/14	DD	SW 8270
Fluorene	240000	54000	26000	ug/Kg	10/02/14	DD	SW 8270
Hexachlorobenzene	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
Hexachlorobutadiene	ND	54000	28000	ug/Kg	10/02/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	54000	24000	ug/Kg	10/02/14	DD	SW 8270
Hexachloroethane	ND	54000	23000	ug/Kg	10/02/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	27000	J 54000	26000	ug/Kg	10/02/14	DD	SW 8270
Isophorone	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
Naphthalene	1100000	D 270000	110000	ug/Kg	10/02/14	DD	SW 8270
Nitrobenzene	ND	54000	27000	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodimethylamine	ND	54000	22000	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	54000	25000	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	54000	30000	ug/Kg	10/02/14	DD	SW 8270
Pentachloronitrobenzene	ND	54000	29000	ug/Kg	10/02/14	DD	SW 8270
Pentachlorophenol	ND	54000	29000	ug/Kg	10/02/14	DD	SW 8270
Phenanthrene	660000	54000	22000	ug/Kg	10/02/14	DD	SW 8270
Phenol	ND	54000	25000	ug/Kg	10/02/14	DD	SW 8270
Pyrene	280000	54000	27000	ug/Kg	10/02/14	DD	SW 8270
Pyridine	ND	54000	19000	ug/Kg	10/02/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	Diluted Out			%	10/02/14	DD	19 - 122 %
% 2-Fluorobiphenyl	Diluted Out			%	10/02/14	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	10/02/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	10/02/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	10/02/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	10/02/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.  
 B = Present in blank, no bias suspected.

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

**Volatile Comment:**

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

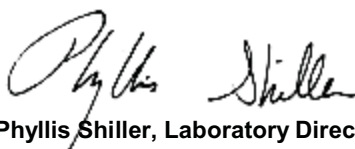
**Semi-Volatile Comment:**

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.

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**Phyllis Shiller, Laboratory Director**

**October 21, 2014**

**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

# Analysis Report

October 21, 2014

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

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

10:00  
 16:06

## Laboratory Data

SDG ID: GBH21768  
 Phoenix ID: BH21769

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: B1 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	10/06/14	LK	SW6010
Arsenic	2.6	0.7	0.71	mg/Kg	10/06/14	LK	SW6010
Barium	62.5 N	0.7	0.36	mg/Kg	10/06/14	LK	SW6010
Cadmium	< 0.36	0.36	0.14	mg/Kg	10/06/14	LK	SW6010
Chromium	21.2	0.36	0.36	mg/Kg	10/06/14	LK	SW6010
Mercury	0.08	0.06	0.04	mg/Kg	10/02/14	RS	SW-7471
Lead	38.4	0.7	0.36	mg/Kg	10/06/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	10/06/14	LK	SW6010
TCLP Lead	0.01 B	0.10	0.010	mg/L	10/03/14	EK	SW6010
TCLP Metals Digestion	Completed				10/02/14	I/I	SW3005
Percent Solid	91			%	10/01/14	I	E160.3
Soil Extraction for PCB	Completed				10/01/14	BB/H	SW3545
Mercury Digestion	Completed				10/02/14	I/I	SW7471
TCLP Extraction for Metals	Completed				10/01/14	I	EPA 1311
Total Metals Digest	Completed				10/01/14	CB/AG	SW846 - 3050

## Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	10/02/14	AW	SW 8082

## QA/QC Surrogates

% DCBP	80			%	10/02/14	AW	30 - 150 %
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% TCMX	77			%	10/02/14	AW	30 - 150 %

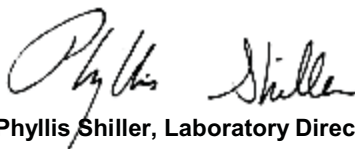
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected  
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

**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.  
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**Phyllis Shiller, Laboratory Director**

**October 21, 2014**

**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

# Analysis Report

October 21, 2014

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

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

10:30  
 16:06

## Laboratory Data

SDG ID: GBH21768  
 Phoenix ID: BH21770

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: B3 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	10/06/14	LK	SW6010
Arsenic	4.6	0.7	0.72	mg/Kg	10/06/14	LK	SW6010
Barium	82.1	N 0.7	0.36	mg/Kg	10/06/14	LK	SW6010
Cadmium	0.17	B 0.36	0.14	mg/Kg	10/06/14	LK	SW6010
Chromium	21.7	0.36	0.36	mg/Kg	10/06/14	LK	SW6010
Mercury	0.19	0.06	0.04	mg/Kg	10/02/14	RS	SW-7471
Lead	84.7	0.7	0.36	mg/Kg	10/06/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	10/06/14	LK	SW6010
TCLP Lead	0.05	B 0.10	0.010	mg/L	10/03/14	EK	SW6010
TCLP Metals Digestion	Completed				10/02/14	I/I	SW3005
Percent Solid	91			%	10/01/14	I	E160.3
Soil Extraction for PCB	Completed				10/01/14	BB/H	SW3545
Mercury Digestion	Completed				10/02/14	I/I	SW7471
TCLP Extraction for Metals	Completed				10/01/14	I	EPA 1311
Total Metals Digest	Completed				10/01/14	CB/AG	SW846 - 3050

## Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	10/02/14	AW	SW 8082

## QA/QC Surrogates

% DCBP	81			%	10/02/14	AW	30 - 150 %
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% TCMX	76			%	10/02/14	AW	30 - 150 %

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

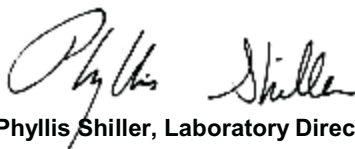
**Comments:**

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.

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**Phyllis Shiller, Laboratory Director**

**October 21, 2014**

**Reviewed and Released by: Tina Covensky**



**Environmental Laboratories, Inc.**  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
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# Analysis Report

October 21, 2014

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

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

12:00  
 16:06

## Laboratory Data

SDG ID: GBH21768  
 Phoenix ID: BH21771

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: B4 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	10/06/14	LK	SW6010
Arsenic	3.1	0.8	0.78	mg/Kg	10/06/14	LK	SW6010
Barium	111 N	0.8	0.39	mg/Kg	10/06/14	LK	SW6010
Cadmium	< 0.39	0.39	0.16	mg/Kg	10/06/14	LK	SW6010
Chromium	18.3	0.39	0.39	mg/Kg	10/06/14	LK	SW6010
Mercury	0.17	0.08	0.05	mg/Kg	10/02/14	RS	SW-7471
Lead	89.1	0.8	0.39	mg/Kg	10/06/14	LK	SW6010
Selenium	< 1.6	1.6	1.3	mg/Kg	10/06/14	LK	SW6010
TCLP Lead	< 0.10	0.10	0.010	mg/L	10/03/14	EK	SW6010
TCLP Metals Digestion	Completed				10/02/14	I/I	SW3005
Percent Solid	90			%	10/01/14	I	E160.3
Soil Extraction for PCB	Completed				10/01/14	BB/H	SW3545
Mercury Digestion	Completed				10/02/14	I/I	SW7471
TCLP Extraction for Metals	Completed				10/01/14	I	EPA 1311
Total Metals Digest	Completed				10/01/14	CB/AG	SW846 - 3050

## Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	10/02/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	10/02/14	AW	SW 8082

## QA/QC Surrogates

% DCBP	79			%	10/02/14	AW	30 - 150 %
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% TCMX	77			%	10/02/14	AW	30 - 150 %

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

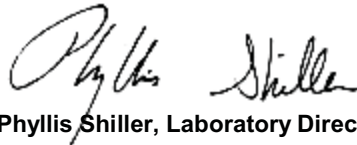
**Comments:**

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.

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**Phyllis Shiller, Laboratory Director**

**October 21, 2014**

**Reviewed and Released by: Tina Covensky**



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

# Analysis Report

October 21, 2014

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

## Sample Information

Matrix: SOIL  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

12:30  
 16:06

## Laboratory Data

SDG ID: GBH21768  
 Phoenix ID: BH21772

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: B4 23-25

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	90			%	10/01/14	I	E160.3
Soil Extraction for SVOA	Completed				10/01/14	JJ/VH	SW3545
Field Extraction	Completed				09/30/14		SW5035

## Volatiles

1,1,1,2-Tetrachloroethane	ND	7.7	1.3	ug/Kg	10/02/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.7	0.75	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloroethane	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloroethene	ND	7.7	1.7	ug/Kg	10/02/14	JLI	SW8260
1,1-Dichloropropene	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
1,2,3-Trichloropropane	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
1,2,4-Trimethylbenzene	1.6	J 7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	7.7	2.1	ug/Kg	10/02/14	JLI	SW8260
1,2-Dibromoethane	ND	7.7	2.0	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichlorobenzene	ND	7.7	0.84	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichloroethane	ND	7.7	0.67	ug/Kg	10/02/14	JLI	SW8260
1,2-Dichloropropane	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	7.7	1.0	ug/Kg	10/02/14	JLI	SW8260
1,3-Dichlorobenzene	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
1,3-Dichloropropane	ND	7.7	0.81	ug/Kg	10/02/14	JLI	SW8260
1,4-Dichlorobenzene	ND	7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
2,2-Dichloropropane	ND	7.7	1.3	ug/Kg	10/02/14	JLI	SW8260
2-Chlorotoluene	ND	7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
2-Hexanone	ND	38	3.5	ug/Kg	10/02/14	JLI	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2-Isopropyltoluene	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
4-Chlorotoluene	ND	7.7	0.89	ug/Kg	10/02/14	JLI	SW8260
4-Methyl-2-pentanone	ND	38	1.8	ug/Kg	10/02/14	JLI	SW8260
Acetone	ND	50	7.6	ug/Kg	10/02/14	JLI	SW8260
Acrylonitrile	ND	15	4.3	ug/Kg	10/02/14	JLI	SW8260
Benzene	5.0	J 7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
Bromobenzene	ND	7.7	1.0	ug/Kg	10/02/14	JLI	SW8260
Bromochloromethane	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
Bromodichloromethane	ND	7.7	0.95	ug/Kg	10/02/14	JLI	SW8260
Bromoform	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
Bromomethane	ND	7.7	5.9	ug/Kg	10/02/14	JLI	SW8260
Carbon Disulfide	2.2	J 7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
Carbon tetrachloride	ND	7.7	0.89	ug/Kg	10/02/14	JLI	SW8260
Chlorobenzene	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
Chloroethane	ND	7.7	1.8	ug/Kg	10/02/14	JLI	SW8260
Chloroform	ND	7.7	1.4	ug/Kg	10/02/14	JLI	SW8260
Chloromethane	ND	7.7	4.0	ug/Kg	10/02/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	7.7	1.7	ug/Kg	10/02/14	JLI	SW8260
cis-1,3-Dichloropropene	ND	7.7	0.83	ug/Kg	10/02/14	JLI	SW8260
Dibromochloromethane	ND	7.7	0.86	ug/Kg	10/02/14	JLI	SW8260
Dibromomethane	ND	7.7	0.97	ug/Kg	10/02/14	JLI	SW8260
Dichlorodifluoromethane	ND	7.7	2.0	ug/Kg	10/02/14	JLI	SW8260
Ethylbenzene	ND	7.7	1.4	ug/Kg	10/02/14	JLI	SW8260
Hexachlorobutadiene	ND	7.7	1.6	ug/Kg	10/02/14	JLI	SW8260
Isopropylbenzene	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
m&p-Xylene	ND	7.7	3.0	ug/Kg	10/02/14	JLI	SW8260
Methyl Ethyl Ketone	ND	46	6.7	ug/Kg	10/02/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	15	2.1	ug/Kg	10/02/14	JLI	SW8260
Methylene chloride	1.5	JBS 7.7	1.3	ug/Kg	10/02/14	JLI	SW8260
Naphthalene	ND	7.7	2.1	ug/Kg	10/02/14	JLI	SW8260
n-Butylbenzene	ND	7.7	1.4	ug/Kg	10/02/14	JLI	SW8260
n-Propylbenzene	ND	7.7	1.4	ug/Kg	10/02/14	JLI	SW8260
o-Xylene	ND	7.7	2.9	ug/Kg	10/02/14	JLI	SW8260
p-Isopropyltoluene	ND	7.7	1.1	ug/Kg	10/02/14	JLI	SW8260
sec-Butylbenzene	ND	7.7	1.4	ug/Kg	10/02/14	JLI	SW8260
Styrene	ND	7.7	2.2	ug/Kg	10/02/14	JLI	SW8260
tert-Butylbenzene	ND	7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
Tetrachloroethene	ND	7.7	1.6	ug/Kg	10/02/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	15	6.9	ug/Kg	10/02/14	JLI	SW8260
Toluene	ND	7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	7.7	1.5	ug/Kg	10/02/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	7.7	1.6	ug/Kg	10/02/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	15	14	ug/Kg	10/02/14	JLI	SW8260
Trichloroethene	ND	7.7	1.6	ug/Kg	10/02/14	JLI	SW8260
Trichlorofluoromethane	ND	7.7	1.7	ug/Kg	10/02/14	JLI	SW8260
Trichlorotrifluoroethane	ND	7.7	1.2	ug/Kg	10/02/14	JLI	SW8260
Vinyl chloride	ND	7.7	2.5	ug/Kg	10/02/14	JLI	SW8260
<b>QA/QC Surrogates</b>							
% 1,2-dichlorobenzene-d4	96			%	10/02/14	JLI	70 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Bromofluorobenzene	92			%	10/02/14	JLI	59 - 113 %
% Dibromofluoromethane	94			%	10/02/14	JLI	70 - 130 %
% Toluene-d8	102			%	10/02/14	JLI	84 - 138 %
<b>Semivolatiles</b>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	10/02/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	90	ug/Kg	10/02/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	10/02/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	140	ug/Kg	10/02/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
2-Methylnaphthalene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	10/02/14	DD	SW 8270
2-Nitroaniline	ND	1800	370	ug/Kg	10/02/14	DD	SW 8270
2-Nitrophenol	ND	260	230	ug/Kg	10/02/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	10/02/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	10/02/14	DD	SW 8270
3-Nitroaniline	ND	1800	790	ug/Kg	10/02/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	10/02/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
4-Chloroaniline	ND	730	170	ug/Kg	10/02/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
4-Nitroaniline	ND	1800	120	ug/Kg	10/02/14	DD	SW 8270
4-Nitrophenol	ND	1800	160	ug/Kg	10/02/14	DD	SW 8270
Acenaphthene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Acenaphthylene	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Acetophenone	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Aniline	ND	1800	740	ug/Kg	10/02/14	DD	SW 8270
Anthracene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benz(a)anthracene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benzidine	ND	730	210	ug/Kg	10/02/14	DD	SW 8270
Benzo(a)pyrene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benzo(b)fluoranthene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benzo(ghi)perylene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benzo(k)fluoranthene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Benzoic acid	ND	1800	730	ug/Kg	10/02/14	DD	SW 8270
Benzyl butyl phthalate	ND	260	94	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	260	98	ug/Kg	10/02/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	10/02/14	DD	SW 8270



Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bis(2-ethylhexyl)phthalate	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Carbazole	ND	1800	280	ug/Kg	10/02/14	DD	SW 8270
Chrysene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Dibenzofuran	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Diethyl phthalate	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Dimethylphthalate	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Di-n-butylphthalate	ND	260	97	ug/Kg	10/02/14	DD	SW 8270
Di-n-octylphthalate	ND	260	94	ug/Kg	10/02/14	DD	SW 8270
Fluoranthene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Fluorene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Hexachlorobenzene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Hexachlorobutadiene	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Hexachloroethane	ND	260	110	ug/Kg	10/02/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Isophorone	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Naphthalene	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Nitrobenzene	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodimethylamine	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	10/02/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	10/02/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	10/02/14	DD	SW 8270
Phenanthrene	ND	260	100	ug/Kg	10/02/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	10/02/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	10/02/14	DD	SW 8270
Pyridine	ND	260	90	ug/Kg	10/02/14	DD	SW 8270
<b><u>QA/QC Surrogates</u></b>							
% 2,4,6-Tribromophenol	103			%	10/02/14	DD	19 - 122 %
% 2-Fluorobiphenyl	86			%	10/02/14	DD	30 - 115 %
% 2-Fluorophenol	81			%	10/02/14	DD	25 - 121 %
% Nitrobenzene-d5	79			%	10/02/14	DD	23 - 120 %
% Phenol-d5	84			%	10/02/14	DD	24 - 113 %
% Terphenyl-d14	103			%	10/02/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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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 Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit**

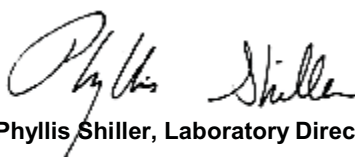
**Comments:**

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.

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.

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**Phyllis Shiller, Laboratory Director**

**October 21, 2014**

**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



# QA/QC Report

October 21, 2014

## QA/QC Data

SDG I.D.: GBH21768

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 287933, QC Sample No: BH21323 (BH21769, BH21770, BH21771)												
Mercury - Soil	BRL	<0.07	<0.09	NC	103	95.9	7.1	117	103	12.7	75 - 125	30
QA/QC Batch 287876, QC Sample No: BH21769 (BH21769, BH21770, BH21771)												
<b>ICP Metals - Soil</b>												
Arsenic	BRL	2.6	4.37	NC	101	102	1.0	99.7	98.5	1.2	80 - 120	30
Barium	BRL	62.5	64.7	3.50	107	106	0.9	>130	94.4	NC	80 - 120	30
Cadmium	BRL	<0.36	<0.39	NC	103	101	2.0	98.7	100	1.3	80 - 120	30
Chromium	BRL	21.2	20.7	2.40	109	108	0.9	100	98.6	1.4	80 - 120	30
Lead	BRL	38.4	44.3	14.3	107	104	2.8	103	97.7	5.3	80 - 120	30
Selenium	BRL	<1.4	<1.5	NC	91.3	90.9	0.4	90.1	89.6	0.6	80 - 120	30
Silver	BRL	<0.36	<0.39	NC	108	107	0.9	104	104	0.0	70 - 130	30
QA/QC Batch 287939, QC Sample No: BH21771 (BH21769, BH21770, BH21771)												
<b>ICP Metals - TCLP Extraction</b>												
Lead	BRL	<0.10	0.03	NC	112	109	2.7	111	112	0.9	80 - 120	20

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



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# QA/QC Report

October 21, 2014

## QA/QC Data

SDG I.D.: GBH21768

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 287970, QC Sample No: BH20148 (BH21768 (2500X) , BH21772)									
<b>Volatiles - Soil</b>									
1,1,1,2-Tetrachloroethane	ND	117			99	105	5.9	70 - 130	30
1,1,1-Trichloroethane	ND	115			97	103	6.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	106			107	110	2.8	70 - 130	30
1,1,2-Trichloroethane	ND	105			107	111	3.7	70 - 130	30
1,1-Dichloroethane	ND	108			106	107	0.9	70 - 130	30
1,1-Dichloroethene	ND	117			71	68	4.3	70 - 130	30
1,1-Dichloropropene	ND	100			105	106	0.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	94			112	110	1.8	70 - 130	30
1,2,3-Trichloropropane	ND	99			104	105	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	87			110	107	2.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	90			106	106	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	113			109	107	1.9	70 - 130	30
1,2-Dibromoethane	ND	110			104	112	7.4	70 - 130	30
1,2-Dichlorobenzene	ND	95			109	109	0.0	70 - 130	30
1,2-Dichloroethane	ND	105			103	107	3.8	70 - 130	30
1,2-Dichloropropane	ND	108			105	109	3.7	70 - 130	30
1,3,5-Trimethylbenzene	ND	94			106	105	0.9	70 - 130	30
1,3-Dichlorobenzene	ND	94			109	107	1.9	70 - 130	30
1,3-Dichloropropane	ND	106			108	112	3.6	70 - 130	30
1,4-Dichlorobenzene	ND	93			109	108	0.9	70 - 130	30
2,2-Dichloropropane	ND	117			86	105	19.9	70 - 130	30
2-Chlorotoluene	ND	96			106	107	0.9	70 - 130	30
2-Hexanone	ND	89			92	95	3.2	70 - 130	30
2-Isopropyltoluene	ND	101			107	108	0.9	70 - 130	30
4-Chlorotoluene	ND	94			107	107	0.0	70 - 130	30
4-Methyl-2-pentanone	ND	100			97	101	4.0	70 - 130	30
Acetone	ND	89			71	66	7.3	70 - 130	30 m
Acrylonitrile	ND	113			107	110	2.8	70 - 130	30
Benzene	ND	108			107	110	2.8	70 - 130	30
Bromobenzene	ND	99			107	109	1.9	70 - 130	30
Bromochloromethane	ND	114			105	108	2.8	70 - 130	30
Bromodichloromethane	ND	114			98	102	4.0	70 - 130	30
Bromoform	ND	124			100	106	5.8	70 - 130	30
Bromomethane	ND	111			36	47	26.5	70 - 130	30 m
Carbon Disulfide	0.81 JBS	119			67	62	7.8	70 - 130	30 m
Carbon tetrachloride	ND	115			76	86	12.3	70 - 130	30
Chlorobenzene	ND	101			107	108	0.9	70 - 130	30
Chloroethane	ND	113			32	31	3.2	70 - 130	30 m
Chloroform	ND	109			105	107	1.9	70 - 130	30
Chloromethane	ND	137			108	111	2.7	70 - 130	30 l
cis-1,2-Dichloroethene	ND	108			109	110	0.9	70 - 130	30

## QA/QC Data

SDG I.D.: GBH21768

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	114			99	104	4.9	70 - 130	30
Dibromochloromethane	ND	119			99	105	5.9	70 - 130	30
Dibromomethane	ND	108			106	110	3.7	70 - 130	30
Dichlorodifluoromethane	ND	103			96	101	5.1	70 - 130	30
Ethylbenzene	ND	104			107	109	1.9	70 - 130	30
Hexachlorobutadiene	ND	94			113	113	0.0	70 - 130	30
Isopropylbenzene	ND	96			105	106	0.9	70 - 130	30
m&p-Xylene	ND	98			104	109	4.7	70 - 130	30
Methyl ethyl ketone	ND	90			83	79	4.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	115			114	120	5.1	70 - 130	30
Methylene chloride	2.7 JBS	104			119	124	4.1	70 - 130	30
Naphthalene	ND	98			107	110	2.8	70 - 130	30
n-Butylbenzene	ND	89			110	107	2.8	70 - 130	30
n-Propylbenzene	ND	89			106	107	0.9	70 - 130	30
o-Xylene	ND	103			108	111	2.7	70 - 130	30
p-Isopropyltoluene	ND	94			109	108	0.9	70 - 130	30
sec-Butylbenzene	ND	99			108	109	0.9	70 - 130	30
Styrene	ND	103			109	111	1.8	70 - 130	30
tert-Butylbenzene	ND	98			105	108	2.8	70 - 130	30
Tetrachloroethene	ND	97			105	110	4.7	70 - 130	30
Tetrahydrofuran (THF)	ND	110			109	108	0.9	70 - 130	30
Toluene	ND	106			104	107	2.8	70 - 130	30
trans-1,2-Dichloroethene	ND	111			116	120	3.4	70 - 130	30
trans-1,3-Dichloropropene	ND	119			97	106	8.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	134			100	107	6.8	70 - 130	30
Trichloroethene	ND	106			105	104	1.0	70 - 130	30
Trichlorofluoromethane	ND	117			28	27	3.6	70 - 130	30
Trichlorotrifluoroethane	ND	113			97	94	3.1	70 - 130	30
Vinyl chloride	ND	112			80	84	4.9	70 - 130	30
% 1,2-dichlorobenzene-d4	96	99			101	99	2.0	70 - 121	30
% Bromofluorobenzene	96	99			100	101	1.0	59 - 113	30
% Dibromofluoromethane	95	104			96	96	0.0	70 - 130	30
% Toluene-d8	102	99			98	99	1.0	84 - 138	30

QA/QC Batch 288079, QC Sample No: BH21472 (BH21768 (12500X) )

### Volatiles - Soil

m&p-Xylene	ND	95	101	6.1	107	102	4.8	70 - 130	30
Naphthalene	ND	99	97	2.0	99	96	3.1	70 - 130	30
Toluene	ND	101	105	3.9	107	103	3.8	70 - 130	30

QA/QC Batch 287870, QC Sample No: BH21770 (BH21769, BH21770, BH21771)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	101	106	4.8	104	104	0.0	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	96	100	4.1	99	97	2.0	30 - 150	20
PCB-1262	ND							30 - 150	30
PCB-1268	ND							30 - 150	30
% DCBP (Surrogate Rec)	87	105	107	1.9	104	104	0.0	30 - 150	20
% TCMX (Surrogate Rec)	81	98	102	4.0	99	98	1.0	30 - 150	20

# QA/QC Data

SDG I.D.: GBH21768

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 287871, QC Sample No: BH21772 (BH21768, BH21772)										
<b>Semivolatiles - Soil</b>										
1,2,4,5-Tetrachlorobenzene	ND	68	83	19.9	83	89	7.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	68	84	21.1	85	91	6.8	30 - 130	30	
1,2-Dichlorobenzene	ND	61	77	23.2	77	83	7.5	30 - 130	30	
1,2-Diphenylhydrazine	ND	70	90	25.0	92	94	2.2	30 - 130	30	
1,3-Dichlorobenzene	ND	60	76	23.5	76	80	5.1	30 - 130	30	
1,4-Dichlorobenzene	ND	60	77	24.8	75	81	7.7	30 - 130	30	
2,4,5-Trichlorophenol	ND	76	93	20.1	97	103	6.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	73	90	20.9	95	100	5.1	30 - 130	30	
2,4-Dichlorophenol	ND	69	87	23.1	89	93	4.4	30 - 130	30	
2,4-Dimethylphenol	ND	65	82	23.1	90	93	3.3	30 - 130	30	
2,4-Dinitrophenol	ND	11	16	37.0	23	29	23.1	30 - 130	30	I,m,r
2,4-Dinitrotoluene	ND	76	95	22.2	100	103	3.0	30 - 130	30	m
2,6-Dinitrotoluene	ND	74	93	22.8	98	101	3.0	30 - 130	30	
2-Chloronaphthalene	ND	70	89	23.9	92	97	5.3	30 - 130	30	
2-Chlorophenol	ND	68	86	23.4	87	92	5.6	30 - 130	30	
2-Methylnaphthalene	ND	68	86	23.4	86	92	6.7	30 - 130	30	
2-Methylphenol (o-cresol)	ND	68	87	24.5	91	94	3.2	30 - 130	30	
2-Nitroaniline	ND	94	122	25.9	129	136	5.3	30 - 130	30	m
2-Nitrophenol	ND	71	93	26.8	95	100	5.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	65	83	24.3	86	90	4.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	66	87	27.5	94	93	1.1	30 - 130	30	
3-Nitroaniline	ND	84	107	24.1	114	118	3.4	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	30	35	15.4	91	97	6.4	30 - 130	30	
4-Bromophenyl phenyl ether	ND	72	90	22.2	93	96	3.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	74	94	23.8	100	103	3.0	30 - 130	30	
4-Chloroaniline	ND	63	81	25.0	87	86	1.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	70	86	20.5	88	92	4.4	30 - 130	30	
4-Nitroaniline	ND	77	101	27.0	111	113	1.8	30 - 130	30	
4-Nitrophenol	ND	74	103	32.8	131	134	2.3	30 - 130	30	m,r
Acenaphthene	ND	70	87	21.7	90	94	4.3	30 - 130	30	
Acenaphthylene	ND	66	82	21.6	86	89	3.4	30 - 130	30	
Acetophenone	ND	60	77	24.8	78	82	5.0	30 - 130	30	
Aniline	ND	59	77	26.5	77	80	3.8	30 - 130	30	
Anthracene	ND	70	89	23.9	93	96	3.2	30 - 130	30	
Benz(a)anthracene	ND	71	91	24.7	96	97	1.0	30 - 130	30	
Benzidine	ND	18	33	58.8	42	43	2.4	30 - 130	30	I,r
Benzo(a)pyrene	ND	70	90	25.0	94	98	4.2	30 - 130	30	
Benzo(b)fluoranthene	ND	71	88	21.4	93	96	3.2	30 - 130	30	
Benzo(ghi)perylene	ND	66	91	31.8	98	104	5.9	30 - 130	30	r
Benzo(k)fluoranthene	ND	73	95	26.2	99	106	6.8	30 - 130	30	
Benzoic Acid	ND	<10	13	NC	<10	<10	NC	30 - 130	30	I,m
Benzyl butyl phthalate	ND	71	91	24.7	99	104	4.9	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	67	87	26.0	88	93	5.5	30 - 130	30	
Bis(2-chloroethyl)ether	ND	56	73	26.4	73	77	5.3	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	91	28.9	94	98	4.2	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	66	84	24.0	92	94	2.2	30 - 130	30	
Carbazole	ND	85	109	24.7	108	114	5.4	30 - 130	30	
Chrysene	ND	68	88	25.6	92	97	5.3	30 - 130	30	
Dibenz(a,h)anthracene	ND	65	91	33.3	96	102	6.1	30 - 130	30	r
Dibenzofuran	ND	71	89	22.5	92	97	5.3	30 - 130	30	

**QA/QC Data**

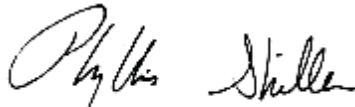
SDG I.D.: GBH21768

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	72	90	22.2	95	98	3.1	30 - 130	30
Dimethylphthalate	ND	72	89	21.1	94	96	2.1	30 - 130	30
Di-n-butylphthalate	ND	71	89	22.5	95	97	2.1	30 - 130	30
Di-n-octylphthalate	ND	66	86	26.3	93	92	1.1	30 - 130	30
Fluoranthene	ND	72	91	23.3	95	100	5.1	30 - 130	30
Fluorene	ND	70	86	20.5	92	95	3.2	30 - 130	30
Hexachlorobenzene	ND	70	90	25.0	95	97	2.1	30 - 130	30
Hexachlorobutadiene	ND	64	80	22.2	78	84	7.4	30 - 130	30
Hexachlorocyclopentadiene	ND	72	91	23.3	83	87	4.7	30 - 130	30
Hexachloroethane	ND	60	78	26.1	78	82	5.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	65	91	33.3	97	103	6.0	30 - 130	30
Isophorone	ND	63	81	25.0	84	87	3.5	30 - 130	30
Naphthalene	ND	64	82	24.7	82	90	9.3	30 - 130	30
Nitrobenzene	ND	64	84	27.0	85	89	4.6	30 - 130	30
N-Nitrosodimethylamine	ND	55	71	25.4	72	77	6.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	66	85	25.2	89	92	3.3	30 - 130	30
N-Nitrosodiphenylamine	ND	85	106	22.0	112	116	3.5	30 - 130	30
Pentachloronitrobenzene	ND	71	87	20.3	92	96	4.3	30 - 130	30
Pentachlorophenol	ND	56	70	22.2	94	99	5.2	30 - 130	30
Phenanthrene	ND	70	89	23.9	93	97	4.2	30 - 130	30
Phenol	ND	70	90	25.0	93	97	4.2	30 - 130	30
Pyrene	ND	75	93	21.4	97	103	6.0	30 - 130	30
Pyridine	ND	40	51	24.2	53	58	9.0	30 - 130	30
% 2,4,6-Tribromophenol	108	74	98	27.9	106	109	2.8	19 - 122	30
% 2-Fluorobiphenyl	90	71	88	21.4	91	95	4.3	30 - 115	30
% 2-Fluorophenol	88	67	86	24.8	86	91	5.6	25 - 121	30
% Nitrobenzene-d5	87	66	85	25.2	87	91	4.5	23 - 120	30
% Phenol-d5	91	70	90	25.0	91	95	4.3	24 - 113	30
% Terphenyl-d14	100	81	99	20.0	103	108	4.7	18 - 137	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.

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

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

  
 Phyllis Shiller, Laboratory Director  
 October 21, 2014

Criteria: NY: 375, 375RRS, 375RS

State: NY

# Sample Criteria Exceedences Report

## GBH21768 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21768	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	12000	210	210	ug/Kg
BH21768	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	12000	900	900	ug/Kg
BH21768	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	20	20	ug/Kg
BH21768	\$8260MADPR	1,1-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	330	330	ug/Kg
BH21768	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Residential	ND	120000	100000	100000	ug/Kg
BH21768	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Residential Restricted	ND	120000	100000	100000	ug/Kg
BH21768	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	120000	50	50	ug/Kg
BH21768	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5600	12000	50	50	ug/Kg
BH21768	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	190	190	ug/Kg
BH21768	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	270	270	ug/Kg
BH21768	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	250	250	ug/Kg
BH21768	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	73000	120	120	ug/Kg
BH21768	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Residential	ND	12000	10000	10000	ug/Kg
BH21768	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	370	370	ug/Kg
BH21768	\$8260MADPR	1,1,1-Trichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	680	680	ug/Kg
BH21768	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	24000	930	930	ug/Kg
BH21768	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential	ND	12000	1400	1400	ug/Kg
BH21768	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Residential Restricted	ND	12000	2400	2400	ug/Kg
BH21768	\$8260MADPR	Carbon tetrachloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	760	760	ug/Kg
BH21768	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential	43000	12000	2900	2900	ug/Kg
BH21768	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Residential Restricted	43000	12000	4800	4800	ug/Kg
BH21768	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	43000	12000	60	60	ug/Kg
BH21768	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential	ND	12000	2300	2300	ug/Kg
BH21768	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Residential Restricted	ND	12000	3100	3100	ug/Kg
BH21768	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	20	20	ug/Kg
BH21768	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Residential	ND	12000	10000	10000	ug/Kg
BH21768	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	470	470	ug/Kg
BH21768	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	91000	60000	700	700	ug/Kg
BH21768	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	ND	12000	5500	5500	ug/Kg
BH21768	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	1300	1300	ug/Kg
BH21768	\$8260MADPR	Chlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	1100	1100	ug/Kg
BH21768	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9200	12000	1000	1000	ug/Kg
BH21768	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	3900	3900	ug/Kg
BH21768	\$8260MADPR	1,3,5-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	12000	12000	8400	8400	ug/Kg
BH21768	\$8260MADPR	tert-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	5900	5900	ug/Kg
BH21768	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	21000	12000	3600	3600	ug/Kg
BH21768	\$8260MADPR	sec-Butylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	11000	11000	ug/Kg
BH21768	\$8260MADPR	1,3-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	2400	2400	ug/Kg
BH21768	\$8260MADPR	1,4-Dichlorobenzene	NY / 375-6.8 Volatiles / Residential	ND	12000	9800	9800	ug/Kg
BH21768	\$8260MADPR	1,4-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	1800	1800	ug/Kg
BH21768	\$8260MADPR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	12000	1100	1100	ug/Kg
BH21768	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	54000	330	330	ug/Kg



# Sample Criteria Exceedences Report

## GBH21768 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21768	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	54000	330	330	ug/Kg
BH21768	\$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Residential	1100000	270000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100000	270000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100000	270000	12000	12000	ug/Kg
BH21768	\$8270SMRDP	Acenaphthylene	NY / 375-6.8 Semivolatiles / Residential	170000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Acenaphthylene	NY / 375-6.8 Semivolatiles / Residential Restricted	170000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Acenaphthylene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	170000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Acenaphthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	49000	54000	20000	20000	ug/Kg
BH21768	\$8270SMRDP	Dibenzofuran	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	170000	54000	7000	7000	ug/Kg
BH21768	\$8270SMRDP	Fluorene	NY / 375-6.8 Semivolatiles / Residential	240000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Fluorene	NY / 375-6.8 Semivolatiles / Residential Restricted	240000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Fluorene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	240000	54000	30000	30000	ug/Kg
BH21768	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	54000	2400	2400	ug/Kg
BH21768	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	54000	6700	6700	ug/Kg
BH21768	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	54000	800	800	ug/Kg
BH21768	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential	660000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Residential Restricted	660000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Phenanthrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	660000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Anthracene	NY / 375-6.8 Semivolatiles / Residential	190000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	190000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	190000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential	330000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	330000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	330000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential	280000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	280000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	280000	54000	100000	100000	ug/Kg
BH21768	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	150000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	150000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	150000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	120000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	120000	54000	3900	3900	ug/Kg
BH21768	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	120000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	100000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	100000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	100000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	37000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	37000	54000	3900	3900	ug/Kg
BH21768	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	37000	54000	800	800	ug/Kg
BH21768	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	86000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	86000	54000	1000	1000	ug/Kg
BH21768	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	86000	54000	1000	1000	ug/Kg

# Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

GBH21768 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21768	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	27000	54000	500	500	ug/Kg
BH21768	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	27000	54000	500	500	ug/Kg
BH21768	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	27000	54000	500	500	ug/Kg
BH21768	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	54000	330	330	ug/Kg
BH21768	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	54000	330	330	ug/Kg
BH21768	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	54000	330	330	ug/Kg
BH21770	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.06	0.18	0.18	mg/Kg
BH21770	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	84.7	0.7	63	63	mg/Kg
BH21771	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	89.1	0.8	63	63	mg/Kg

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



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



# NY Temperature Narration

October 21, 2014

SDG I.D.: GBH21768

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



**NY/NJ CHAIN OF CUSTODY RECORD**

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

Coolant: Yes  No   
 IPK  ICE

Temp 17 °C Pg 1 of 1

**Contact Options:**

Fax:   
 Phone:   
 Email:  CSOSK@PhoenixNY.com

Project: 510 Driggs Ave Brooklyn Project P.O.: \_\_\_\_\_  
 Report to: EBC  
 Invoice to: \_\_\_\_\_

**This section MUST be completed with Bottle Quantities.**

**Client Sample - Information - Identification**

Sampler's Signature: [Signature] Date: 9-30-14

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
25708	B3 18-20	S	9:30	8:00
25709	B1 0-2	S	↓	10:00
25710	B3 0-2	S	↓	10:30
25711	B4 0-2	S	↓	11:00
25712	B4 23-25	S	9:30	12:30
25713				

**Analysis Request**

17025 Beta  
PCBs metals  
TCAP Lead

Analysis Request	3	1	1	1	3
Soil VOC Vials Methanol 1 HQ					
GL Soil container ( ) oz					
40 ml VOA Vial [As] [HCl]					
PL As [ ] [250ml] [150ml] [1000ml]					
PL H2SO4 [ ] [250ml] [150ml] [1000ml]					
PL HNO3 250ml					
Bacteria Bottle					

Relinquished by: [Signature] Accepted by: [Signature] Date: 10/1/14 Time: 12:35

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:

**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



Friday, October 17, 2014

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

Project ID: 510 DRIGGS AVE., BROOKLYN  
Sample ID#s: BH21773 - BH21775

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

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

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

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,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

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.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



## SDG Comments

October 17, 2014

SDG I.D.: GBH21773

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Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

BH21774 - The pH in the preserved volatile vial was greater than 2.

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.



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



**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Environmental Business Consultants**  
**Project: 510 DRIGGS AVE., BROOKLYN**  
**Laboratory Project: GBH21773**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 17, 2014

SDG I.D.: GBH21773

Environmental Business Consultants 510 DRIGGS AVE., BROOKLYN

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## Methodology Summary

### Volatile Organics

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

## Sample Id Cross Reference

Client Id	Lab Id	Matrix
GW1	BH21773	GROUND WATER
GW3	BH21774	GROUND WATER
GW4	BH21775	GROUND WATER

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**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

October 17, 2014

SDG I.D.: GBH21773

Environmental Business Consultants 510 DRIGGS AVE., BROOKLYN

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## 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
BH21773	Volatiles	09/30/14	10/03/14	10/03/14	MH	Y
BH21774	Volatiles	09/30/14	10/03/14	10/03/14	MH	Y
BH21775	Volatiles	09/30/14	10/03/14	10/03/14	MH	Y



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

# Analysis Report

October 17, 2014

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

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

10:00  
 16:06

## Laboratory Data

SDG ID: GBH21773  
 Phoenix ID: BH21773

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: GW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	10/03/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	10/03/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	10/03/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	10/03/14	MH	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	10/03/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	10/03/14	MH	SW8260 B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	10/03/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	10/03/14	MH	SW8260 B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	10/03/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	10/03/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	10/03/14	MH	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	10/03/14	MH	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	10/03/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	10/03/14	MH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	10/03/14	MH	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	10/03/14	MH	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	10/03/14	MH	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	10/03/14	MH	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	10/03/14	MH	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	10/03/14	MH	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	10/03/14	MH	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	10/03/14	MH	SW8260 1
4-Chlorotoluene	ND	1.0	0.16	ug/L	10/03/14	MH	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	10/03/14	MH	SW8260

Client ID: GW1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	3.7	JBS	5.0	0.31	ug/L	10/03/14	MH	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	10/03/14	MH	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	10/03/14	MH	SW8260	
Benzene	0.32	J	0.70	0.19	ug/L	10/03/14	MH	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	10/03/14	MH	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	10/03/14	MH	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	10/03/14	MH	SW8260	
Bromoform	ND		5.0	0.10	ug/L	10/03/14	MH	SW8260	
Bromomethane	ND		5.0	0.50	ug/L	10/03/14	MH	SW8260	
Carbon Disulfide	0.39	JB	1.0	0.24	ug/L	10/03/14	MH	SW8260	B*
Carbon tetrachloride	ND		1.0	0.23	ug/L	10/03/14	MH	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	10/03/14	MH	SW8260	
Chloroethane	0.27	J	5.0	0.24	ug/L	10/03/14	MH	SW8260	
Chloroform	ND		5.0	0.22	ug/L	10/03/14	MH	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	10/03/14	MH	SW8260	
cis-1,2-Dichloroethene	18		1.0	0.23	ug/L	10/03/14	MH	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	10/03/14	MH	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	10/03/14	MH	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	10/03/14	MH	SW8260	
Dichlorodifluoromethane	0.33	J	1.0	0.26	ug/L	10/03/14	MH	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	10/03/14	MH	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	10/03/14	MH	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	10/03/14	MH	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	10/03/14	MH	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	10/03/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	10/03/14	MH	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	10/03/14	MH	SW8260	B
Naphthalene	ND		1.0	0.19	ug/L	10/03/14	MH	SW8260	B
n-Butylbenzene	ND		1.0	0.22	ug/L	10/03/14	MH	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	10/03/14	MH	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	10/03/14	MH	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	10/03/14	MH	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	10/03/14	MH	SW8260	
Styrene	ND		1.0	0.41	ug/L	10/03/14	MH	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	10/03/14	MH	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	10/03/14	MH	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	10/03/14	MH	SW8260	1
Toluene	ND		1.0	0.20	ug/L	10/03/14	MH	SW8260	
trans-1,2-Dichloroethene	0.98	J	5.0	0.20	ug/L	10/03/14	MH	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	10/03/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	10/03/14	MH	SW8260	
Trichloroethene	18		1.0	0.18	ug/L	10/03/14	MH	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	10/03/14	MH	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	10/03/14	MH	SW8260	
Vinyl chloride	2.5		1.0	0.14	ug/L	10/03/14	MH	SW8260	
<b>QA/QC Surrogates</b>									
% 1,2-dichlorobenzene-d4	99				%	10/03/14	MH	70 - 121 %	
% Bromofluorobenzene	93				%	10/03/14	MH	59 - 113 %	
% Dibromofluoromethane	91				%	10/03/14	MH	70 - 130 %	

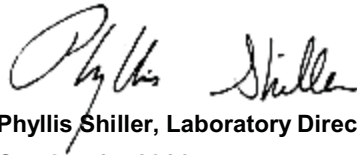
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	98			%	10/03/14	MH	84 - 138 %

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 Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level 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.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**October 17, 2014**

**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

# Analysis Report

October 17, 2014

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

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

11:00  
 16:06

## Laboratory Data

SDG ID: GBH21773  
 Phoenix ID: BH21774

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: GW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	50	9.5	ug/L	10/03/14	MH	SW8260
1,1,1-Trichloroethane	ND	250	9.5	ug/L	10/03/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	50	7.5	ug/L	10/03/14	MH	SW8260
1,1,2-Trichloroethane	ND	50	10	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethane	ND	250	12	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethene	ND	50	12	ug/L	10/03/14	MH	SW8260
1,1-Dichloropropene	ND	50	10	ug/L	10/03/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	50	10	ug/L	10/03/14	MH	SW8260 B
1,2,3-Trichloropropane	ND	50	11	ug/L	10/03/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	50	9.0	ug/L	10/03/14	MH	SW8260 B
1,2,4-Trimethylbenzene	380	50	9.0	ug/L	10/03/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	50	18	ug/L	10/03/14	MH	SW8260
1,2-Dibromoethane	ND	50	10	ug/L	10/03/14	MH	SW8260
1,2-Dichlorobenzene	ND	50	8.0	ug/L	10/03/14	MH	SW8260
1,2-Dichloroethane	ND	30	10	ug/L	10/03/14	MH	SW8260
1,2-Dichloropropane	ND	50	9.0	ug/L	10/03/14	MH	SW8260
1,3,5-Trimethylbenzene	180	50	11	ug/L	10/03/14	MH	SW8260
1,3-Dichlorobenzene	ND	50	9.5	ug/L	10/03/14	MH	SW8260
1,3-Dichloropropane	ND	50	11	ug/L	10/03/14	MH	SW8260
1,4-Dichlorobenzene	ND	50	9.5	ug/L	10/03/14	MH	SW8260
2,2-Dichloropropane	ND	50	8.0	ug/L	10/03/14	MH	SW8260
2-Chlorotoluene	ND	50	12	ug/L	10/03/14	MH	SW8260
2-Hexanone	ND	50	14	ug/L	10/03/14	MH	SW8260
2-Isopropyltoluene	ND	50	11	ug/L	10/03/14	MH	SW8260 1
4-Chlorotoluene	ND	50	8.0	ug/L	10/03/14	MH	SW8260
4-Methyl-2-pentanone	ND	50	9.5	ug/L	10/03/14	MH	SW8260

Client ID: GW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND	50	16	ug/L	10/03/14	MH	SW8260	B
Acrolein	ND	250	48	ug/L	10/03/14	MH	SW8260	
Acrylonitrile	ND	250	8.5	ug/L	10/03/14	MH	SW8260	
Benzene	4300	D 280	76	ug/L	10/03/14	MH	SW8260	
Bromobenzene	ND	50	10	ug/L	10/03/14	MH	SW8260	
Bromochloromethane	ND	50	11	ug/L	10/03/14	MH	SW8260	
Bromodichloromethane	ND	50	8.0	ug/L	10/03/14	MH	SW8260	
Bromoform	ND	50	5.0	ug/L	10/03/14	MH	SW8260	
Bromomethane	ND	250	25	ug/L	10/03/14	MH	SW8260	
Carbon Disulfide	ND	50	12	ug/L	10/03/14	MH	SW8260	B
Carbon tetrachloride	ND	50	12	ug/L	10/03/14	MH	SW8260	
Chlorobenzene	ND	250	10	ug/L	10/03/14	MH	SW8260	
Chloroethane	ND	250	12	ug/L	10/03/14	MH	SW8260	
Chloroform	ND	250	11	ug/L	10/03/14	MH	SW8260	
Chloromethane	ND	250	11	ug/L	10/03/14	MH	SW8260	
cis-1,2-Dichloroethene	470	50	12	ug/L	10/03/14	MH	SW8260	
cis-1,3-Dichloropropene	ND	20	7.5	ug/L	10/03/14	MH	SW8260	
Dibromochloromethane	ND	50	7.5	ug/L	10/03/14	MH	SW8260	
Dibromomethane	ND	50	12	ug/L	10/03/14	MH	SW8260	
Dichlorodifluoromethane	ND	50	13	ug/L	10/03/14	MH	SW8260	
Ethylbenzene	350	50	9.5	ug/L	10/03/14	MH	SW8260	
Hexachlorobutadiene	ND	50	6.5	ug/L	10/03/14	MH	SW8260	
Isopropylbenzene	ND	50	11	ug/L	10/03/14	MH	SW8260	
m&p-Xylene	1600	50	21	ug/L	10/03/14	MH	SW8260	
Methyl ethyl ketone	ND	50	25	ug/L	10/03/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND	50	9.5	ug/L	10/03/14	MH	SW8260	
Methylene chloride	16	JBS 150	8.0	ug/L	10/03/14	MH	SW8260	B
Naphthalene	9400	BD 400	76	ug/L	10/03/14	MH	SW8260	B
n-Butylbenzene	ND	50	11	ug/L	10/03/14	MH	SW8260	
n-Propylbenzene	ND	50	10	ug/L	10/03/14	MH	SW8260	
o-Xylene	570	50	23	ug/L	10/03/14	MH	SW8260	
p-Isopropyltoluene	ND	50	11	ug/L	10/03/14	MH	SW8260	
sec-Butylbenzene	ND	50	11	ug/L	10/03/14	MH	SW8260	
Styrene	270	50	21	ug/L	10/03/14	MH	SW8260	
tert-Butylbenzene	ND	50	12	ug/L	10/03/14	MH	SW8260	
Tetrachloroethene	ND	50	12	ug/L	10/03/14	MH	SW8260	
Tetrahydrofuran (THF)	ND	50	26	ug/L	10/03/14	MH	SW8260	1
Toluene	3800	D 400	80	ug/L	10/03/14	MH	SW8260	
trans-1,2-Dichloroethene	ND	250	10	ug/L	10/03/14	MH	SW8260	
trans-1,3-Dichloropropene	ND	20	7.0	ug/L	10/03/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND	50	23	ug/L	10/03/14	MH	SW8260	
Trichloroethene	27	J 50	9.0	ug/L	10/03/14	MH	SW8260	
Trichlorofluoromethane	ND	50	12	ug/L	10/03/14	MH	SW8260	
Trichlorotrifluoroethane	ND	50	12	ug/L	10/03/14	MH	SW8260	
Vinyl chloride	530	50	7.0	ug/L	10/03/14	MH	SW8260	
<b>QA/QC Surrogates</b>								
% 1,2-dichlorobenzene-d4	100			%	10/03/14	MH	70 - 121 %	
% Bromofluorobenzene	94			%	10/03/14	MH	59 - 113 %	
% Dibromofluoromethane	92			%	10/03/14	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	98			%	10/03/14	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 Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit**

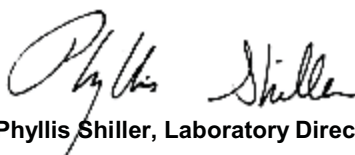
**Comments:**

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**

**October 17, 2014**

**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

# Analysis Report

October 17, 2014

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

## Sample Information

Matrix: GROUND WATER  
 Location Code: EBC  
 Rush Request: 72 Hour  
 P.O.#:

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

09/30/14  
 10/01/14

## Time

12:00  
 16:06

## Laboratory Data

SDG ID: GBH21773  
 Phoenix ID: BH21775

Project ID: 510 DRIGGS AVE., BROOKLYN  
 Client ID: GW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<b><u>Volatiles</u></b>							
1,1,1,2-Tetrachloroethane	ND	5.0	0.95	ug/L	10/03/14	MH	SW8260
1,1,1-Trichloroethane	ND	5.0	0.95	ug/L	10/03/14	MH	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.75	ug/L	10/03/14	MH	SW8260
1,1,2-Trichloroethane	ND	1.0	1.0	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethane	ND	5.0	1.2	ug/L	10/03/14	MH	SW8260
1,1-Dichloroethene	ND	5.0	1.2	ug/L	10/03/14	MH	SW8260
1,1-Dichloropropene	ND	5.0	1.0	ug/L	10/03/14	MH	SW8260
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/L	10/03/14	MH	SW8260 B
1,2,3-Trichloropropane	ND	2.0	1.1	ug/L	10/03/14	MH	SW8260
1,2,4-Trichlorobenzene	ND	5.0	0.90	ug/L	10/03/14	MH	SW8260 B
1,2,4-Trimethylbenzene	110	5.0	0.90	ug/L	10/03/14	MH	SW8260
1,2-Dibromo-3-chloropropane	ND	2.0	1.8	ug/L	10/03/14	MH	SW8260
1,2-Dibromoethane	ND	1.0	1.0	ug/L	10/03/14	MH	SW8260
1,2-Dichlorobenzene	ND	4.0	0.80	ug/L	10/03/14	MH	SW8260
1,2-Dichloroethane	ND	1.0	1.0	ug/L	10/03/14	MH	SW8260
1,2-Dichloropropane	ND	1.0	0.90	ug/L	10/03/14	MH	SW8260
1,3,5-Trimethylbenzene	52	5.0	1.1	ug/L	10/03/14	MH	SW8260
1,3-Dichlorobenzene	ND	3.0	0.95	ug/L	10/03/14	MH	SW8260
1,3-Dichloropropane	ND	5.0	1.1	ug/L	10/03/14	MH	SW8260
1,4-Dichlorobenzene	ND	5.0	0.95	ug/L	10/03/14	MH	SW8260
2,2-Dichloropropane	ND	5.0	0.80	ug/L	10/03/14	MH	SW8260
2-Chlorotoluene	ND	5.0	1.2	ug/L	10/03/14	MH	SW8260
2-Hexanone	ND	5.0	1.4	ug/L	10/03/14	MH	SW8260
2-Isopropyltoluene	ND	5.0	1.1	ug/L	10/03/14	MH	SW8260 1
4-Chlorotoluene	ND	5.0	0.80	ug/L	10/03/14	MH	SW8260
4-Methyl-2-pentanone	ND	5.0	0.95	ug/L	10/03/14	MH	SW8260



Client ID: GW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference		
Acetone	6.9	JBS	25	1.6	ug/L	10/03/14	MH	SW8260	B
Acrolein	ND		5.0	4.8	ug/L	10/03/14	MH	SW8260	
Acrylonitrile	ND		5.0	0.85	ug/L	10/03/14	MH	SW8260	
Benzene	730	D	70	19	ug/L	10/03/14	MH	SW8260	
Bromobenzene	ND		5.0	1.0	ug/L	10/03/14	MH	SW8260	
Bromochloromethane	ND		5.0	1.1	ug/L	10/03/14	MH	SW8260	
Bromodichloromethane	ND		5.0	0.80	ug/L	10/03/14	MH	SW8260	
Bromoform	ND		25	0.50	ug/L	10/03/14	MH	SW8260	
Bromomethane	ND		5.0	2.5	ug/L	10/03/14	MH	SW8260	
Carbon Disulfide	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	B
Carbon tetrachloride	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Chlorobenzene	ND		5.0	1.0	ug/L	10/03/14	MH	SW8260	
Chloroethane	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Chloroform	ND		5.0	1.1	ug/L	10/03/14	MH	SW8260	
Chloromethane	1.4	J	5.0	1.1	ug/L	10/03/14	MH	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.75	ug/L	10/03/14	MH	SW8260	
Dibromochloromethane	ND		5.0	0.75	ug/L	10/03/14	MH	SW8260	
Dibromomethane	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	10/03/14	MH	SW8260	
Ethylbenzene	270	D	25	4.8	ug/L	10/03/14	MH	SW8260	
Hexachlorobutadiene	ND		1.0	0.65	ug/L	10/03/14	MH	SW8260	
Isopropylbenzene	15		5.0	1.1	ug/L	10/03/14	MH	SW8260	
m&p-Xylene	520	D	25	11	ug/L	10/03/14	MH	SW8260	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	10/03/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND		5.0	0.95	ug/L	10/03/14	MH	SW8260	
Methylene chloride	1.4	JBS	5.0	0.80	ug/L	10/03/14	MH	SW8260	B*
Naphthalene	2000	BD	100	19	ug/L	10/03/14	MH	SW8260	B
n-Butylbenzene	ND		5.0	1.1	ug/L	10/03/14	MH	SW8260	
n-Propylbenzene	1.4	J	5.0	1.0	ug/L	10/03/14	MH	SW8260	
o-Xylene	230	D	25	11	ug/L	10/03/14	MH	SW8260	
p-Isopropyltoluene	1.6	J	5.0	1.1	ug/L	10/03/14	MH	SW8260	
sec-Butylbenzene	ND		5.0	1.1	ug/L	10/03/14	MH	SW8260	
Styrene	13		5.0	2.1	ug/L	10/03/14	MH	SW8260	
tert-Butylbenzene	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Tetrachloroethene	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Tetrahydrofuran (THF)	ND		25	2.6	ug/L	10/03/14	MH	SW8260	1
Toluene	630	D	25	5.0	ug/L	10/03/14	MH	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/L	10/03/14	MH	SW8260	
trans-1,3-Dichloropropene	ND		1.0	0.70	ug/L	10/03/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND		5.0	2.3	ug/L	10/03/14	MH	SW8260	
Trichloroethene	ND		5.0	0.90	ug/L	10/03/14	MH	SW8260	
Trichlorofluoromethane	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Trichlorotrifluoroethane	ND		5.0	1.2	ug/L	10/03/14	MH	SW8260	
Vinyl chloride	4.3	J	5.0	0.70	ug/L	10/03/14	MH	SW8260	
<b>QA/QC Surrogates</b>									
% 1,2-dichlorobenzene-d4	100				%	10/03/14	MH	70 - 121 %	
% Bromofluorobenzene	96				%	10/03/14	MH	59 - 113 %	
% Dibromofluoromethane	95				%	10/03/14	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	100			%	10/03/14	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 Quantitation) ND=Not Detected**  
**BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit**

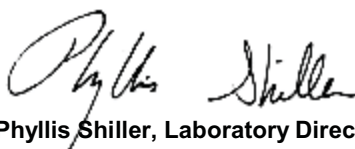
**Comments:**

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**

**October 17, 2014**

**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



# QA/QC Report

October 17, 2014

## QA/QC Data

SDG I.D.: GBH21773

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 288253, QC Sample No: BH21734 (BH21773, BH21774 (50, 400X) , BH21775 (5, 100, 25X) )									
<b>Volatiles - Ground Water</b>									
1,1,1,2-Tetrachloroethane	ND	107	108	0.9	117			70 - 130	30
1,1,1-Trichloroethane	ND	103	100	3.0	113			70 - 130	30
1,1,2,2-Tetrachloroethane	ND	108	107	0.9	112			70 - 130	30
1,1,2-Trichloroethane	ND	98	98	0.0	112			70 - 130	30
1,1-Dichloroethane	ND	101	99	2.0	112			70 - 130	30
1,1-Dichloroethene	ND	108	104	3.8	111			70 - 130	30
1,1-Dichloropropene	ND	104	103	1.0	115			70 - 130	30
1,2,3-Trichlorobenzene	0.32 JB	110	105	4.7	116			70 - 130	30
1,2,3-Trichloropropane	ND	100	96	4.1	111			70 - 130	30
1,2,4-Trichlorobenzene	0.20 JB	107	105	1.9	123			70 - 130	30
1,2,4-Trimethylbenzene	ND	105	105	0.0	121			70 - 130	30
1,2-Dibromo-3-chloropropane	ND	102	99	3.0	120			70 - 130	30
1,2-Dibromoethane	ND	101	102	1.0	113			70 - 130	30
1,2-Dichlorobenzene	ND	105	103	1.9	121			70 - 130	30
1,2-Dichloroethane	ND	99	100	1.0	114			70 - 130	30
1,2-Dichloropropane	ND	101	102	1.0	116			70 - 130	30
1,3,5-Trimethylbenzene	ND	112	105	6.5	125			70 - 130	30
1,3-Dichlorobenzene	ND	105	104	1.0	123			70 - 130	30
1,3-Dichloropropane	ND	101	102	1.0	113			70 - 130	30
1,4-Dichlorobenzene	ND	102	100	2.0	116			70 - 130	30
2,2-Dichloropropane	ND	102	97	5.0	100			70 - 130	30
2-Chlorotoluene	ND	108	104	3.8	124			70 - 130	30
2-Hexanone	ND	90	95	5.4	139			70 - 130	30 m
2-Isopropyltoluene	ND	113	107	5.5	127			70 - 130	30
4-Chlorotoluene	ND	106	107	0.9	124			70 - 130	30
4-Methyl-2-pentanone	ND	93	93	0.0	116			70 - 130	30
Acetone	0.50 JBS	88	90	2.2	169			70 - 130	30 m
Acrolein	ND	98	98	0.0	79			70 - 130	30
Acrylonitrile	ND	107	108	0.9	115			70 - 130	30
Benzene	ND	103	104	1.0	115			70 - 130	30
Bromobenzene	ND	106	105	0.9	123			70 - 130	30
Bromochloromethane	ND	101	99	2.0	110			70 - 130	30
Bromodichloromethane	ND	105	104	1.0	116			70 - 130	30
Bromoform	ND	103	102	1.0	114			70 - 130	30
Bromomethane	ND	120	118	1.7	92			70 - 130	30
Carbon Disulfide	0.36 JB	100	97	3.0	97			70 - 130	30
Carbon tetrachloride	ND	105	103	1.9	113			70 - 130	30
Chlorobenzene	ND	104	104	0.0	118			70 - 130	30
Chloroethane	ND	102	96	6.1	110			70 - 130	30
Chloroform	ND	100	98	2.0	112			70 - 130	30
Chloromethane	ND	104	101	2.9	108			70 - 130	30

**QA/QC Data**

SDG I.D.: GBH21773

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	101	102	1.0	110			70 - 130	30
cis-1,3-Dichloropropene	ND	105	105	0.0	113			70 - 130	30
Dibromochloromethane	ND	106	105	0.9	115			70 - 130	30
Dibromomethane	ND	97	99	2.0	113			70 - 130	30
Dichlorodifluoromethane	ND	102	96	6.1	98			70 - 130	30
Ethylbenzene	ND	111	108	2.7	121			70 - 130	30
Hexachlorobutadiene	ND	118	113	4.3	114			70 - 130	30
Isopropylbenzene	ND	112	108	3.6	129			70 - 130	30
m&p-Xylene	ND	107	106	0.9	119			70 - 130	30
Methyl ethyl ketone	ND	91	84	8.0	130			70 - 130	30
Methyl t-butyl ether (MTBE)	ND	104	104	0.0	112			70 - 130	30
Methylene chloride	0.34 JBS	86	87	1.2	94			70 - 130	30
Naphthalene	0.25 JB	104	105	1.0	154			70 - 130	30
n-Butylbenzene	ND	108	105	2.8	126			70 - 130	30
n-Propylbenzene	ND	102	99	3.0	127			70 - 130	30
o-Xylene	ND	104	102	1.9	118			70 - 130	30
p-Isopropyltoluene	ND	112	110	1.8	129			70 - 130	30
sec-Butylbenzene	ND	113	110	2.7	127			70 - 130	30
Styrene	ND	106	105	0.9	116			70 - 130	30
tert-Butylbenzene	ND	110	108	1.8	129			70 - 130	30
Tetrachloroethene	ND	107	105	1.9	120			70 - 130	30
Tetrahydrofuran (THF)	ND	86	90	4.5	97			70 - 130	30
Toluene	ND	105	103	1.9	118			70 - 130	30
trans-1,2-Dichloroethene	ND	105	103	1.9	112			70 - 130	30
trans-1,3-Dichloropropene	ND	106	105	0.9	111			70 - 130	30
trans-1,4-dichloro-2-butene	ND	106	105	0.9	107			70 - 130	30
Trichloroethene	ND	103	102	1.0	118			70 - 130	30
Trichlorofluoromethane	ND	102	99	3.0	108			70 - 130	30
Trichlorotrifluoroethane	ND	106	103	2.9	108			70 - 130	30
Vinyl chloride	ND	106	102	3.8	107			70 - 130	30
% 1,2-dichlorobenzene-d4	98	100	100	0.0	102			70 - 121	30
% Bromofluorobenzene	91	101	102	1.0	99			59 - 113	30
% Dibromofluoromethane	90	97	95	2.1	96			70 - 130	30
% Toluene-d8	99	100	99	1.0	102			84 - 138	30

m

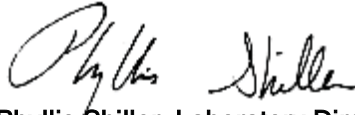
**Comment:**

A blank MS was analyzed with this batch.

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

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

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

  
**Phyllis Shiller, Laboratory Director**  
 October 17, 2014

# Sample Criteria Exceedences Report

## GBH21773 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21773	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	2.5	1.0	2	2	ug/L
BH21773	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	2.5	1.0	2	2	ug/L
BH21773	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L
BH21773	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	18	1.0	5	5	ug/L
BH21773	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L
BH21773	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH21773	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH21773	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH21774	\$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Dichlorodifluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	530	50	2	2	ug/L
BH21774	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	530	50	2	2	ug/L
BH21774	\$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Chloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	50	50	ug/L
BH21774	\$8260DP25R	Chloroethane	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Trichlorofluoromethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,1-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,1-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Trichlorotrifluoroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Trichlorotrifluoroethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	16	150	5	5	ug/L
BH21774	\$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	16	150	5	5	ug/L
BH21774	\$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	5	5	ug/L
BH21774	\$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	1,1-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	5	5	ug/L
BH21774	\$8260DP25R	1,1-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	470	50	5	5	ug/L
BH21774	\$8260DP25R	2,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Bromochloromethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Chloroform	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	7	7	ug/L
BH21774	\$8260DP25R	Chloroform	NY / TOGS - Water Quality / GA Criteria	ND	250	7	7	ug/L
BH21774	\$8260DP25R	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	5	5	ug/L
BH21774	\$8260DP25R	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	1,1-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Carbon tetrachloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Carbon tetrachloride	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	4300	280	0.7	0.7	ug/L
BH21774	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	4300	280	1	1	ug/L
BH21774	\$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	30	5	5	ug/L

# Sample Criteria Exceedences Report

## GBH21773 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21774	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	30	0.6	0.6	ug/L
BH21774	\$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	27	50	5	5	ug/L
BH21774	\$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	27	50	5	5	ug/L
BH21774	\$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BH21774	\$8260DP25R	Dibromomethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	20	0.4	0.4	ug/L
BH21774	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	3800	400	5	5	ug/L
BH21774	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	3800	400	5	5	ug/L
BH21774	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	20	0.4	0.4	ug/L
BH21774	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BH21774	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	50	0.0006	0.0006	ug/L
BH21774	\$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,3-Dichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,3-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Chlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	250	5	5	ug/L
BH21774	\$8260DP25R	Chlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	250	5	5	ug/L
BH21774	\$8260DP25R	1,1,1,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	350	50	5	5	ug/L
BH21774	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	350	50	5	5	ug/L
BH21774	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	570	50	5	5	ug/L
BH21774	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	570	50	5	5	ug/L
BH21774	\$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	270	50	5	5	ug/L
BH21774	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,1,2,2-Tetrachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	Bromobenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,2,3-Trichloropropane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	0.04	0.04	ug/L
BH21774	\$8260DP25R	2-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	180	50	5	5	ug/L
BH21774	\$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	4-Chlorotoluene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	tert-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	380	50	5	5	ug/L
BH21774	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,3-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	3	3	ug/L
BH21774	\$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,4-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	5	5	ug/L
BH21774	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L

# Sample Criteria Exceedences Report

## GBH21773 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
BH21774	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BH21774	\$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	50	4.7	4.7	ug/L
BH21774	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	50	0.04	0.04	ug/L
BH21774	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	50	0.5	0.5	ug/L
BH21774	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	9400	400	5	5	ug/L
BH21774	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	9400	400	10	10	ug/L
BH21775	\$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	4.3	5.0	2	2	ug/L
BH21775	\$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	4.3	5.0	2	2	ug/L
BH21775	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	730	70	0.7	0.7	ug/L
BH21775	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	730	70	1	1	ug/L
BH21775	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
BH21775	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BH21775	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	630	25	5	5	ug/L
BH21775	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	630	25	5	5	ug/L
BH21775	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BH21775	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH21775	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	270	25	5	5	ug/L
BH21775	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	270	25	5	5	ug/L
BH21775	\$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	230	25	5	5	ug/L
BH21775	\$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	230	25	5	5	ug/L
BH21775	\$8260DP25R	Styrene	NY / TOGS - Water Quality / GA Criteria	13	5.0	5	5	ug/L
BH21775	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
BH21775	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH21775	\$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	52	5.0	5	5	ug/L
BH21775	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	110	5.0	5	5	ug/L
BH21775	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BH21775	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BH21775	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	2000	100	5	5	ug/L
BH21775	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	2000	100	10	10	ug/L

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



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# NY Temperature Narration

October 17, 2014

SDG I.D.: GBH21773

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



