101 LINCOLN AVENUE, BROOKLYN, NY 10454

PHASE II INVESTIGATION DATA SUMMARY

MAY 2015

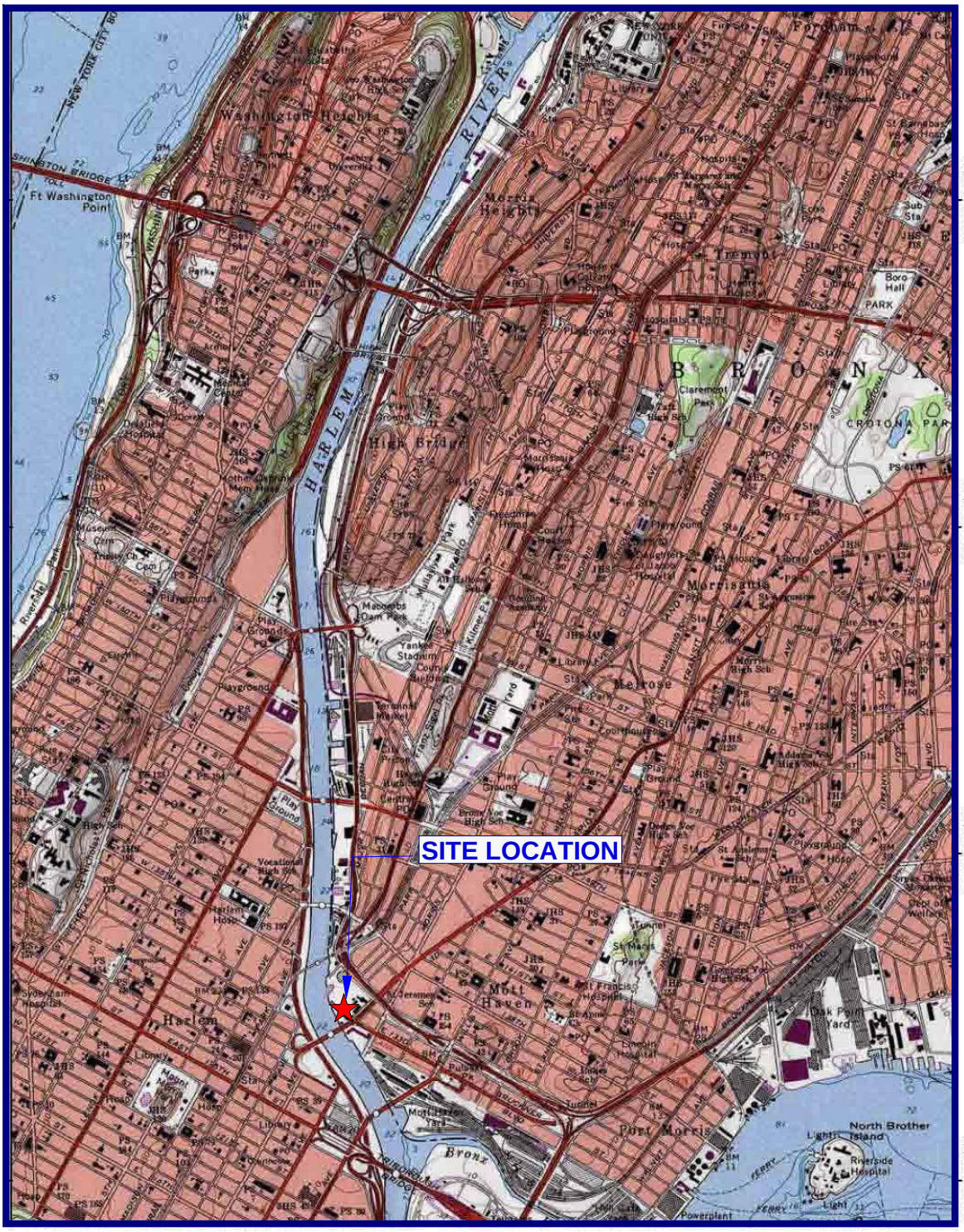
Prepared By:

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
Ridge, NY 11961

FIGURES



USGS Central Park Quadrangle 1995, Contour Interval = 10 feet

EBC
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Phone 631.504.6000
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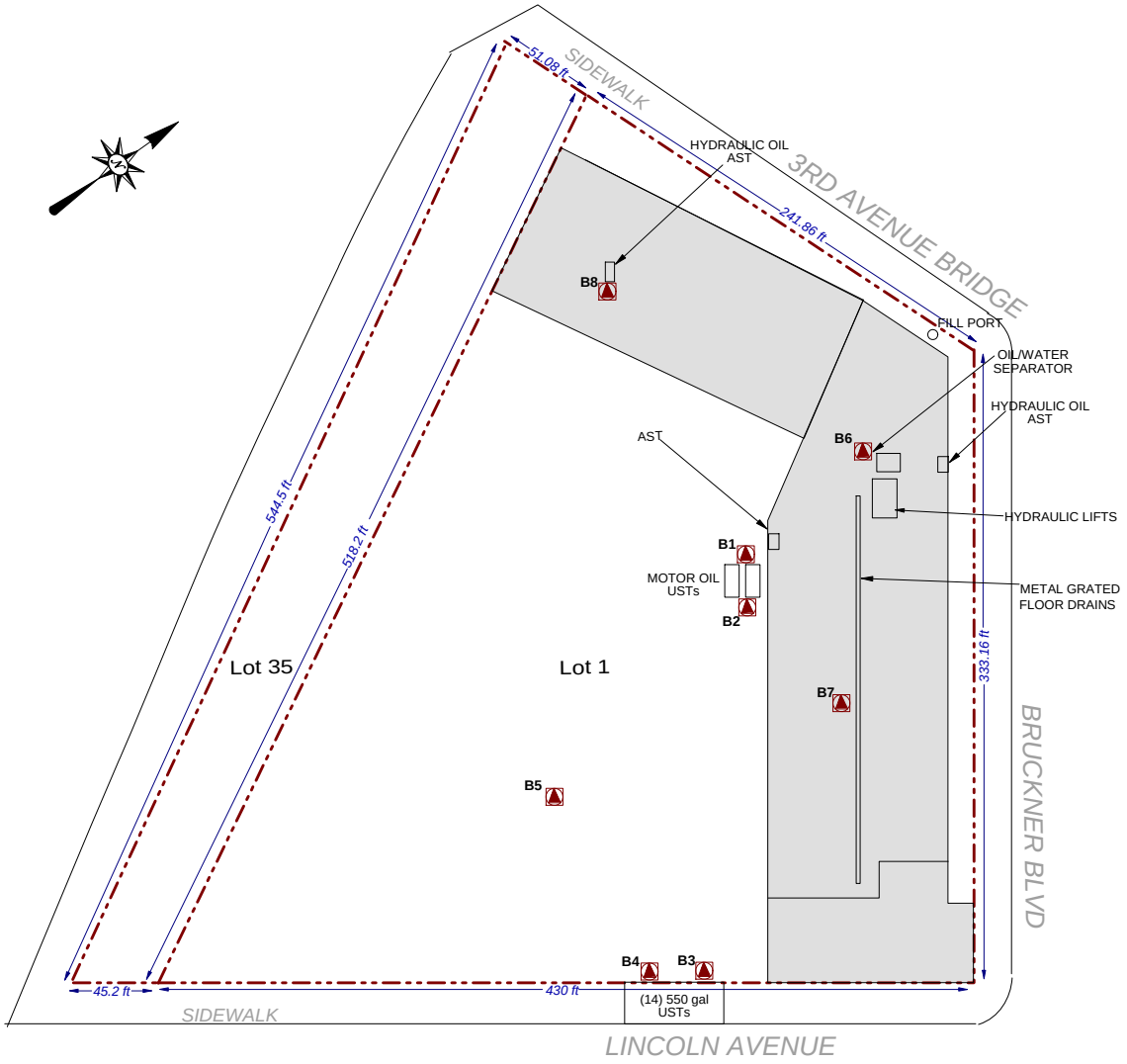
Former Mugler Shoring Inc.
2401 Third Avenue, Bronx NY

FIGURE 1 SITE LOCATION MAP



KEY:

Property Line

Bx RI Soil Boring Location

SCALE:

0 25 50 100

Scale: 1 inch = 100 feet

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Figure No. 2

Site Name: REDEVELOPMENT PROJECT

Site Address: 101 LINCOLN AVENUE, BRONX, NY

Drawing Title: SITE SAMPLING LOCATIONS

SUMMARY TABLES

Table 1
Laboratory Results
VOCs/SVOCs - Soil

oenix Environmental Laboratories, Inc.

587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : 101 LINCOLN AVE., BRONX

				BJ06315				BJ06317				BJ06319				BJ06321				BJ06323				BJ06325				BJ06327			
Lab Sample Id																															
Collection Date				4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015			
Client Id				B7 7-10				B6 7-10				B1 7-10				B2 7-10				B5 7-10				B3 7-10				B4 7-10			
Matrix				Soil				Soil				Soil				Soil				Soil				Soil				Soil			
	Units	NY-ResRestrict	NY-UnRestricted	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Volatile Organic Compounds - VOCs																															
1,1,1,2-Tetrachloroethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,1,1-Trichloroethane	ug/Kg	100,000	680	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,1,2,2-Tetrachloroethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,1,2-Trichloroethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,1-Dichloroethane	ug/Kg	26,000	270	< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,1-Dichloroethene	ug/Kg	100,000	330	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,1-Dichloropropene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,2,3-Trichlorobenzene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 280	280	U	56	< 310	310	U	62	< 7.2	7.2	U	1.4
1,2,3-Trichloropropane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
1,2,4-Trichlorobenzene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 280	280	U	56	< 310	310	U	62	< 7.2	7.2	U	1.4
1,2,4-Trimethylbenzene	ug/Kg	52,000	3,600	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
1,2-Dibromo-3-chloropropane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 280	280	U	56	< 310	310	U	62	< 7.2	7.2	U	1.4
1,2-Dibromoethane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,2-Dichlorobenzene	ug/Kg	100,000	1,100	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
1,2-Dichloroethane	ug/Kg	3,100	20	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,2-Dichloropropane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,3,5-Trimethylbenzene	ug/Kg	52,000	8,400	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
1,3-Dichlorobenzene	ug/Kg	49,000	2,400	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
1,3-Dichloropropane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
1,4-Dichlorobenzene	ug/Kg	13,000	1,800	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
2,2-Dichloropropane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
2-Chlorotoluene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 280	280	U	56	< 310	310	U	62	< 7.2	7.2	U	1.4
2-Hexanone	ug/Kg			< 28	28	U	5.6	< 32	32	U	6.4	< 30	30	U	6.0	< 30	30	U	6.0	< 28	28	U	5.6	< 31	31	U	6.2	< 36	36	U	7.2
2-Isopropyltoluene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
4-Chlorotoluene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
4-Methyl-2-pentanone	ug/Kg			< 28	28	U	5.6	< 32	32	U	6.4	< 30	30	U	6.0	< 30	30	U	6.0	< 28	28	U	5.6	< 31	31	U	6.2	< 36	36	U	7.2
Acetone	ug/Kg	100,000	50	15	50	JS	5.6	26	50	JS	6.4	20	50	JS	6.0	53	60	JS	6.0	22	50	JS	5.6	38	50	JS	6.2	34	50	JS	7.2
Acrylonitrile	ug/Kg			< 11	11	U	0.56	< 13	13	U	0.64	< 12	12	U	0.60	< 12	12	U	0.60	< 11	11	U	0.56	< 12	12	U	0.62	< 14	14	U	0.72
Benzene	ug/Kg	4,800	60	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Bromobenzene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
Bromochloromethane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Bromodichloromethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Bromoform	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Bromomethane	ug/Kg			< 5.6	5.6	U	2.2	< 6.4	6.4	U	2.6	< 6.0	6.0	U	2.4	< 6.0	6.0	U	2.4	< 5.6	5.6	U	2.2	< 6.2	6.2	U	2.5	< 7.2	7.2	U	2.9
Carbon Disulfide	ug/Kg			< 5.6	5.6	U	1.1	1.6	6.4	J	1.3	2.9	6.0	J	1.2	3.2	6.0	J	1.2	< 5.6	5.6	U	1.1	3.4	6.2	J	1.2	1.7	7.2	J	1.4
Carbon tetrachloride	ug/Kg	2,400	760	< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Chlorobenzene	ug/Kg	100,000	1,100	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Chloroethane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Chloroform	ug/Kg	49,000	370	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Chloromethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
cis-1,2-Dichloroethene	ug/Kg	100,000	250	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
cis-1,3-Dichloropropene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Dibromochloromethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Dibromomethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Dichlorodifluoromethane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Ethylbenzene	ug/Kg	41,000	1,000	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Hexachlorobutadiene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
Isopropylbenzene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
m&p-Xylene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Methyl Ethyl Ketone	ug/Kg	100,000	120	< 33	33	U	5.6	< 38	38	U	6.4	< 36	36	U	6.0	9.8	36	J	6.0	< 34	34	U	5.6	16	37	J	6.2	< 43	43	U	7.2
Methyl t-butyl ether (MTBE)	ug/Kg	100,000	930	< 11	11	U	1.1	< 13	13	U	1.3	< 12	12	U	1.2	< 12	12	U	1.2	< 11	11	U	1.1	1.3	12	J	1.2	< 14	14	U	1.4
Methylene chloride	ug/Kg	100,000	50	< 5.6	5.6	U	5.6	< 6.4	6.4	U	6.4	< 6.0	6.0	U	6.0	< 6.0	6.0	U	6.0	< 5.6	5.6	U	5.6	< 6.2	6.2	U	6.2	< 7.2	7.2	U	7.2
Naphthalene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	2.3	6.0	J	1.2	< 280	280	U	56	< 310	310	U	62	< 7.2	7.2	U	1.4
n-Butylbenzene	ug/Kg	100,000	12,000	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
n-Propylbenzene	ug/Kg	100,000	3,900	< 5.6	5.6	U	1.0	< 6.4	6.4	U	1.2	< 6.0	6.0	U	1.1	< 6.0	6.0	U	1.1	< 280	280	U	51	< 310	310	U	56	< 7.2	7.2	U	1.3
o-Xylene	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
p-Isopropyltoluene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
sec-Butylbenzene	ug/Kg	100,000	11,000	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
Styrene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
tert-Butylbenzene	ug/Kg	100,000	5,900	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 280	280	U	28	< 310	310	U	31	< 7.2	7.2	U	0.72
Tetrachloroethene	ug/Kg	19,000	1,300	< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	1.4	6.2	J	1.2	< 7.2	7.2	U	1.4
Tetrahydrofuran (THF)	ug/Kg			< 11	11	U	2.8	< 13	13	U	3.2	< 12	12	U	3.0	< 12	12	U	3.0	< 11	11	U	2.8	< 12	12	U	3.1	< 14	14	U	3.6
Toluene	ug/Kg	100,000	700	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
trans-1,2-Dichloroethene	ug/Kg	100,000	190	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
trans-1,3-Dichloropropene	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
trans-1,4-dichloro-2-butene	ug/Kg			< 11	11	U	2.8	< 13	13	U	3.2	< 12	12	U	3.0	< 12	12	U	3.0	< 560	560	U	140	< 620	620	U	150	< 14	14	U	3.6
Trichloroethene	ug/Kg	21,000	470	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Trichlorofluoromethane	ug/Kg			< 5.6	5.6	U	1.1	< 6.4	6.4	U	1.3	< 6.0	6.0	U	1.2	< 6.0	6.0	U	1.2	< 5.6	5.6	U	1.1	< 6.2	6.2	U	1.2	< 7.2	7.2	U	1.4
Trichlorotrifluoroethane	ug/Kg			< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
Vinyl chloride	ug/Kg	900	20	< 5.6	5.6	U	0.56	< 6.4	6.4	U	0.64	< 6.0	6.0	U	0.60	< 6.0	6.0	U	0.60	< 5.6	5.6	U	0.56	< 6.2	6.2	U	0.62	< 7.2	7.2	U	0.72
1,1,1,2-Tetrachloroethane	ug/Kg			< 22	22	U	1.1	< 26	26	U	1.3	< 24	24	U	1.2	< 24	24	U	1.2	< 22	22	U	1.1	< 25	25	U	1.2	< 29	29	U	1.4
Acrolein	ug/Kg			< 22	22	U	2.8	< 26	26	U	3.2	< 24	24	U	3.0	< 24	24	U	3.0	< 22	22	U	2.8	< 25	25	U	3.1	< 29	29	U	3.6
Acrylonitrile	ug/Kg			< 22	22	U	0.56	< 26	26	U	0.64	< 24	24	U	0.60	< 24	24	U	0.60	< 22	22	U	0.56	< 25	25	U	0.62	< 29	29	U	0.72
Tert-butyl alcohol	ug/Kg			< 110	110	U	110	< 130	130	U	130	< 120	120	U	24	< 120	120	U	120	< 110	110	U	110	< 120	120	U	120	< 140	140	U	140
Polynuclear Aromatic HC By SW8270D																															
2-Methylnaphthalene	ug/Kg			< 370	370	U	110	< 410	410	U	120	< 390	390	U	120	< 390	390	U	120	< 370	370	U	110	< 410	410	U	120	< 480	480	U	140
Acenaphthene	ug/Kg	100,000	20,000	< 370	370	U	110	< 410	410	U	130	< 390	390	U	120	< 390	390	U	120	< 370	370	U	110	< 410	410	U	120	< 480	480	U	150
Acenaphthylene	ug/Kg	100,000	100,000	< 370	370	U	100	< 410	410	U	120	< 390	390	U	110	< 390	390	U	110	< 370	370	U	100	160	410	J	120	< 480	480	U	130
Anthracene	ug/Kg	100,000	100,000	< 370	370	U	120	< 410	410	U	140	< 390	390	U	130	< 390	390	U	130	130	370	J	120	240	410	J	130	< 480	480	U	160
Benz(a)anthracene	ug/Kg	1,000	1,000	< 370	370	U	120	310	410	J	140	460	390		130	< 390	390	U	130	540	370		120	1,400	410		140	450	480	J	160
Benzo(a)pyrene	ug/Kg	1,000	1,000	< 370	370	U	120	280	410	J	140	470	390		130	< 390	390	U	130	530	370		120	1,500	410		130	470	480	J	160
Benzo(b)fluoranthene	ug/Kg	1,000	1,000	< 370	370	U	120	400	410	J	140	630	390		130	< 390	390	U	130	620	370		130	1,900	410		140	600	480		160
Benzo(ghi)perylene	ug/Kg	100,000	100,000	< 370	370	U	120	150	410	J	130	290	390	J	130	< 390	390	U	130	330	370	J	120	660	410		130	230	480	J	160
Benzo(k)fluoranthene	ug/Kg	3,900	800	< 370	370	U	120	150	410	J	140	240	390	J	130	< 390	390	U	130	190	370	J	120	710	410		140	220	480	J	160
Chrysene	ug/Kg	3,900	1,000	< 370	370	U	120	340	410	J	140	510	390		130	< 390	390	U	130	550	370		120	1,600	410		140	510	480		160
Dibenz(a,h)anthracene	ug/Kg	330	330	< 330	330	U	120	< 330	330	U	130	< 330	330	U	130	< 330	330	U	130	< 330	330	U	120	160	330	J	130	< 330	330	U	160
Fluoranthene	ug/Kg	100,000	100,000	< 370	370	U	120	690	410		130	670	390		130	< 390	390	U	130	660	370		120	2,800	410		130	920	480		160
Fluorene	ug/Kg	100,000	30,000	< 370	370	U	120	< 410	410	U	140	< 390	390	U	130	< 390	390	U	130	< 370	370	U	120	< 410	410	U	140	< 480	480	U	160
Indeno(1,2,3-cd)pyrene	ug/Kg	500	500	< 370	370	U	120	< 410	410	U	140	210	390	J	130	< 390	390	U	130	290	370	J	120	580	410		140	190	480	J	160
Naphthalene	ug/Kg	100,000	12,000	< 370	370	U	110	< 410	410	U	120	< 390	390	U	110	< 390	390	U	110	< 370	370	U	110	140	410	J	120	< 480	480	U	140
Phenanthrene	ug/Kg	100,000	100,000	< 370	370	U	100	260	410	J	120	480	390		110	< 390	390	U	110	620	370		110	1,900	410		120	480	480		140
Pyrene	ug/Kg	100,000	100,000	< 370	370	U	130	700	410		140	630	390		130	< 390	390	U	130	580	370		130	2,500	410		140	840	480		170

Notes:

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 2
Laboratory Results
Soil - Metals, PCBs & Pesticides

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

Project Id : 101 LINCOLN AVE., BRONX

	Lab Sample Id			BJ06314				BJ06316				BJ06318				BJ06320				BJ06322				BJ06324				BJ06326			
	Collection Date			4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015			
	Client Id			B7 0-2				B6 0-2				B1 0-2				B2 0-2				B5 0-2				B3 0-2				B4 0-2			
	Matrix			Soil				Soil				Soil				Soil				Soil				Soil				Soil			
	Units	NY-ResRestrict	NY-UnRestricted	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Metals, Total																															
Aluminum	mg/Kg			9,170	35		6.9	9,680	35		7.0	8,990	35		7.0	6,150	35		7.0	5,460	36		7.3	6,460	39		7.8	9,010	39		7.8
Antimony	mg/Kg			< 1.7	1.7	U	1.7	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2.0	U	2.0
Arsenic	mg/Kg	16	13	2.2	0.7	*	0.69	7.1	0.7	*	0.70	4.2	0.7	*	0.70	4.1	0.7	*	0.70	9	0.7	*	0.73	4.6	0.8	*	0.78	4.4	0.8	*	0.78
Barium	mg/Kg	400	350	34.1	0.7	*	0.35	141	0.7	*	0.35	79.4	0.7	*	0.35	69.4	0.7	*	0.35	116	0.7	*	0.36	75.1	0.8	*	0.39	107	0.8	*	0.39
Beryllium	mg/Kg	72	7.2	0.5	0.28		0.14	0.59	0.28		0.14	0.5	0.28		0.14	0.35	0.28		0.14	0.52	0.29		0.15	0.34	0.31		0.16	0.43	0.31		0.16
Cadmium	mg/Kg	4.3	2.5	< 0.35	0.35	U	0.14	1.77	0.35		0.14	< 0.35	0.35	U	0.14	< 0.35	0.35	U	0.14	0.38	0.36		0.15	0.38	0.39	B	0.16	< 0.39	0.39	U	0.16
Calcium	mg/Kg			3,050	3.5		3.2	18,800	35		32	18,500	35		32	22,000	35		32	26,700	36		34	5,150	3.9		3.6	12,300	39		36
Chromium	mg/Kg		30	20.8	0.35		0.35	21.8	0.35		0.35	17.8	0.35		0.35	15.5	0.35		0.35	21.2	0.36		0.36	15.4	0.39		0.39	17.2	0.39		0.39
Cobalt	mg/Kg			8	0.35	*	0.35	9.52	0.35	*	0.35	8.28	0.35	*	0.35	6.34	0.35	*	0.35	8.21	0.36	*	0.36	6.79	0.39	*	0.39	7.65	0.39	*	0.39
Copper	mg/Kg	270	50	17.4	0.35		0.35	49.8	0.35		0.35	34.2	0.35		0.35	31.8	0.35		0.35	65.5	0.36		0.36	71.2	0.39		0.39	90.8	0.39		0.39
Iron	mg/Kg			16,800	35		35	21,900	35		35	18,500	35		35	12,200	35		35	16,500	36		36	14,500	39		39	17,100	39		39
Lead	mg/Kg	400	63	19.3	0.7	*	0.35	461	7.0	*	3.5	150	7.0	*	3.5	174	7.0	*	3.5	154	7.3	*	3.6	283	7.8	*	3.9	129	0.8	*	0.39
Magnesium	mg/Kg			3,870	3.5	*	3.5	6,450	35	*	35	10,700	35	*	35	12,000	35	*	35	5,580	36	*	36	2,700	3.9	*	3.9	3,900	3.9	*	3.9
Manganese	mg/Kg	2,000	1,600	384	3.5	*	3.5	571	3.5	*	3.5	446	3.5	*	3.5	223	3.5	*	3.5	212	3.6	*	3.6	173	3.9	*	3.9	276	3.9	*	3.9
Mercury	mg/Kg	0.81	0.18	0.07	0.03		0.02	0.33	0.03		0.02	0.26	0.03		0.02	0.24	0.03		0.02	2.87	0.28		0.17	0.39	0.03		0.02	0.52	0.03		0.02
Nickel	mg/Kg	310	30	14.5	0.35		0.35	19.9	0.35		0.35	17.5	0.35		0.35	13.8	0.35		0.35	15	0.36		0.36	15.4	0.39		0.39	16.6	0.39		0.39
Potassium	mg/Kg			1,740	7	N	2.7	1,760	7	N	2.7	1,700	7	N	2.7	1,690	7	N	2.7	1,010	7	N	2.8	1,300	8	N	3.0	2,020	8	N	3.0
Selenium	mg/Kg	180	3.9	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.2	< 1.6	1.6	U	1.3	< 1.6	1.6	U	1.3
Silver	mg/Kg	180	2	< 0.35	0.35	U	0.35	< 0.35	0.35	U	0.35	< 0.35	0.35	U	0.35	< 0.35	0.35	U	0.35	< 0.36	0.36	U	0.36	< 0.39	0.39	U	0.39	< 0.39	0.39	U	0.39
Sodium	mg/Kg			317	7	N	3.0	724	7	N	3.0	328	7	N	3.0	392	7	N	3.0	386	7	N	3.1	350	8	N	3.3	266	8	N	3.4
Thallium	mg/Kg			< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6
Vanadium	mg/Kg			26.7	0.3	*	0.35	32.2	0.4	*	0.35	27.8	0.4	*	0.35	21.9	0.4	*	0.35	25.4	0.4	*	0.36	22.2	0.4	*	0.39	26.7	0.4	*	0.39
Zinc	mg/Kg	10,000	109	37.5	0.7	*	0.35	797	7.0	*	3.5	108	0.7	*	0.35	97.9	0.7	*	0.35	161	7.3	*	3.6	188	7.8	*	3.9	152	0.8	*	0.39
PCBs By SW8082A																															
PCB-1016	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1221	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1232	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1242	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1248	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1254	ug/Kg		100	< 38	38	U	38	54	36		36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1260	ug/Kg		100	< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	110	37		37
PCB-1262	ug/Kg			< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
PCB-1268	ug/Kg			< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
Pesticides - Soil By SW8081B																															
4,4' -DDD	ug/Kg	13,000	3.3	< 2.3	2.3	U	2.3	< 3.3	3.3	U	3.3	5.3	3.3		3.3	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3	< 2.2	2.2	U	2.2
4,4' -DDE	ug/Kg	8,900	3.3	< 2.3	2.3	U	2.3	< 2.2	2.2	U	2.2	5.5	3.3		3.3	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	< 3.3	3.3	U	3.3	< 2.2	2.2	U	2.2
4,4' -DDT	ug/Kg	7,900	3.3	< 2.3	2.3	U	2.3	< 3.3	3.3	U	3.3	4.1	3.3		3.3	< 3.0	3.0	U	3.0	< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3	< 5.0	5.0	U	5.0
a-BHC	ug/Kg	480	20	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
a-Chlordane	ug/Kg	4,200	94	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7
Aldrin	ug/Kg	97	5	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7
b-BHC	ug/Kg	360	36	< 15	15	U	15	< 10	10	U	10	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Chlordane	ug/Kg			< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
d-BHC	ug/Kg	100,000	40	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Dieldrin	ug/Kg	200	5	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7
Endosulfan I	ug/Kg	24,000	2,400	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Endosulfan II	ug/Kg	24,000	2,400	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Endosulfan sulfate	ug/Kg	24,000	2,400	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Endrin	ug/Kg	11,000	14	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Endrin aldehyde	ug/Kg			< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Endrin ketone	ug/Kg			< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 10	10	U	10
g-BHC	ug/Kg	1,300	100	< 1.5	1.5	U	1.5	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5
g-Chlordane	ug/Kg			< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.8	3.8	U	3.8	< 4.0	4.0	U	4.0
Heptachlor	ug/Kg	2,100	42	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Heptachlor epoxide	ug/Kg			< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3	< 7.4	7.4	U	7.4	< 7.6	7.6	U	7.6	< 7.4	7.4	U	7.4
Methoxychlor	ug/Kg			< 38	38	U	38	< 36	36	U	36	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37	< 38	38	U	38	< 37	37	U	37
Toxaphene	ug/Kg			< 150	150	U	150	< 140	140	U	140	< 150	150	U	150	< 150	150	U	150	< 150	150	U	150	< 150	150	U	150	< 150	150	U	150

Notes:

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 3
Laboratory Results
Groundwater - VOCs

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

Project Id : 101 LINCOLN AVE., BRONX

	Lab Sample Id			BJ06328				BJ06329				BJ06330				BJ06331				BJ06332			
	Collection Date			4/20/2015				4/20/2015				4/20/2015				4/20/2015				4/20/2015			
	Client Id			B1GW				B2GW				B3GW				B4GW				B6GW			
	Matrix			Ground Water				Ground Water				Ground Water				Ground Water				Ground Water			
	Units	NY-ResRestrict	NY-UnRestricted	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Volatiles By SW8260C																							
1,1,1,2-Tetrachloroethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,1-Trichloroethane	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloroethane	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1-Dichloroethene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloropropene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trichlorobenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	ug/L			< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,2-Dibromoethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichlorobenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichloroethane	ug/L			< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25
1,2-Dichloropropane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichloropropane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	ug/L			< 1.0	1.0	U	0.25	0.35	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2,2-Dichloropropane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Chlorotoluene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Hexanone	ug/L			< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
2-Isopropyltoluene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Chlorotoluene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Methyl-2-pentanone	ug/L			< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Acetone	ug/L			8.9	5.0	S	2.5	4.6	5.0	JS	2.5	2.8	5.0	JS	2.5	4	5.0	JS	2.5	2.7	5.0	JS	2.5
Acrolein	ug/L			< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Acrylonitrile	ug/L			< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Benzene	ug/L			1	0.70		0.25	0.7	0.70	J	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25
Bromobenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromochloromethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromodichloromethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromoform	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Bromomethane	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Carbon Disulfide	ug/L			0.47	1.0	J	0.25	0.31	1.0	J	0.25	< 1.0	1.0	U	0.25	0.29	1.0	J	0.25	< 1.0	1.0	U	0.25
Carbon tetrachloride	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Chlorobenzene	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroethane	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroform	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloromethane	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
cis-1,2-Dichloroethene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene	ug/L			< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
Dibromochloromethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dibromomethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Ethylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Hexachlorobutadiene	ug/L			< 1.0	1.0	U	0.10	< 1.0	1.0	U	0.10	< 1.0	1.0	U	0.10	< 1.0	1.0	U	0.10	< 1.0	1.0	U	0.10
Isopropylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
m&p-Xylene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Methyl ethyl ketone	ug/L			< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	8.6	1.0		0.25	8.3	1.0		0.25	3.5	1.0		0.25
Methylene chloride	ug/L			< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0
Naphthalene	ug/L			< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
n-Butylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
n-Propylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
o-Xylene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
p-Isopropyltoluene	ug/L			0.79	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
sec-Butylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Styrene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
tert-Butylbenzene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrachloroethene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)	ug/L			< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Toluene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	ug/L			< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	ug/L			< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	ug/L			< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Trichloroethene	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorofluoromethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Vinyl chloride	ug/L			< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25

Notes:

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

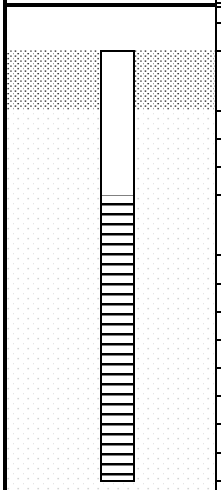
SOIL BORING LOGS

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Approximate center of Site. 16 feet west of the building and 8 feet north of two 1,000-gallon motor oil UST's (closed in place March 1992).			Depth to Water		Site Elevation Datum
			7 Feet		
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date	DTW	Ground Elevation
Drilling Company: C2	Method: Geoprobe				Well Specifications
Date Started: 4/20/2015	Date Completed: 4/20/2015				1" PVC
Completion Depth: 15 Feet	Geologist: Robert Bennett				

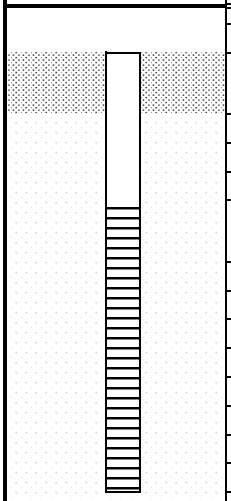
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	40		0.0	20" - Brown silty sand with asphalt and red brick fragments (no odor) 20" - Brown sand with red brick fragments (no odor) **Retained soil sample (B1 0-2')*
	5 to 10	35		0.0	12" - Brown silty sand (no odor) 6" - Wet, brown silty/gravelly course sand (no odor) 17" - Wet, black/brown sandy silt (no odor) **Retained soil sample (B1 7-10')*
	10 to 15				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Approximate center of Site. 15 feet west of the building and 7 feet south of two 1,000-gallon motor oil UST's (closed in place March 1992).			Depth to Water	Site Elevation Datum
			7 Feet	
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW	Ground Elevation
Drilling Company: C2	Method: Geoprobe			Well Specifications
Date Started: 4/20/2015	Date Completed: 4/20/2015			1" PVC
Completion Depth: 15 Feet	Geologist: Robert Bennett			

B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	35		0.0	20"- Black/brown silty/gravelly sand with red brick fragments (no odor) 15" - Brown fine-medium grained sand with little gravel (no odor) **Retained soil sample (B2 0-2')*
	5 to 10	30		0.0	10" - Black/brown silty fine-medium grained sand (no odor) 20" - Wet, brown fine-medium grained sand (no odor) **Retained soil sample (B2 7-10')*
	10 to 15				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Southern portion of Site along Lincoln Avenue. Approximately 15' feet north of 14 550-gallon USTs (closed in place December 1991).			Depth to Water: 7 Feet	Site Elevation Datum:
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW:	Ground Elevation:
Drilling Company: C2	Method: Geoprobe			Well Specifications: 1" PVC
Date Started: 4/20/2015	Date Completed: 4/20/2015			
Completion Depth: 15 Feet	Geologist: Robert Bennett			

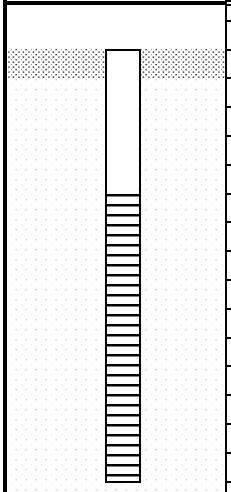
B3 (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 5	24		0.0	24" - Black/brown silty/gravelly fine-course grained sand with asphalt and red brick fragments (no odor) **Retained soil sample (B3 0-2')*
	5 to 10	24		0.0	12" - Black/brown silty/gravelly sand with asphalt and red brick fragments (no odor) 12" - Wet, gray fine sandy silt with decayed plant matter (strong organic odor-rotten eggs) **Retained soil sample (B3 7-10')*
	10 to 15				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Southern portion of Site along Lincoln Avenue. Approximately 15' feet north of 14 550-gallon USTs (closed in place December 1991).			Depth to Water: 7 Feet	Site Elevation Datum:
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW:	Ground Elevation:
Drilling Company: C2	Method: Geoprobe			Well Specifications: 1" PVC
Date Started: 4/20/2015	Date Completed: 4/20/2015			
Completion Depth: 15 Feet	Geologist: Robert Bennett			

B4 (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 5	40		0.0	30" - Black/brown sand with asphalt and red brick fragments (no odor) 10" - Brown sand with some gravel (no odor) **Retained soil sample (B4 0-2')*
	5 to 10	30		0.0	10" - Brown sand (no odor) 20" - Wet, gray/brown silt with decayed plant matter (moderate organic odor-rotten eggs) **Retained soil sample (B4 7-10')*
	10 to 15				

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Approximate center of parking lot area to the south and west of the onsite building.			Depth to Water	Site Elevation Datum
			7 Feet	
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW	Ground Elevation
Drilling Company: C2	Method: Geoprobe		Not Detected	Well Specifications
Date Started: 4/20/2015	Date Completed: 4/20/2015			1" PVC
Completion Depth: 10 Feet	Geologist: Robert Bennett			

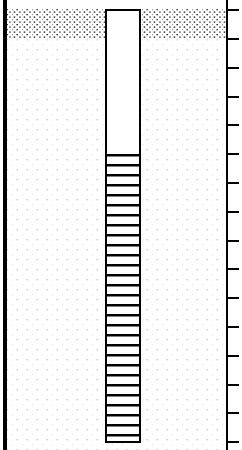
B5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	30		0.0	10" - Black gravelly sand with asphalt fragments and compacted ash (no odor) 20" - Brown gravelly sand with asphalt fragments (no odor) **Retained soil sample (B5 0-2')*
	to 10	24		0.0	12" - Gray gravelly sand (no odor) 12" - Wet, gray/brown sandy/gravelly silt with asphalt fragments (no odor) **Retained soil sample (B5 7-10')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: Northeast portion of Site. North of a UST and existing monitoring well.			Depth to Water: 7 Feet	Site Elevation Datum
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW	Ground Elevation
Drilling Company: C2	Method: Geoprobe		Not Detected	Well Specifications
Date Started: 4/20/2015	Date Completed: 4/20/2015			1" PVC
Completion Depth: 15 Feet	Geologist: Robert Bennett			

B6 (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 5	30		0.0	30" - Black/brown gravelly sand with red brick fragments (no odor) **Retained soil sample (B6 0-2')*
	5 to 10	40		0.0	20" - Reddish-brown fine-medium grained sand (no odor) 20" - Wet, gray/brown clayey/sandy silt with decayed plant matter (organic odor-rotten eggs) **Retained soil sample (B6 7-10')*
	10 to 15	35		0.0	2" - Wet, gray sandy silt with decayed plant matter (slight organic odor) 13" - Wet, gray sandy silt (no odor) 20" - Wet, gray/brown silt (no odor)

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: West of a metal grated floor drain which transects the eastern building along Bruckner Blvd. from north to south.			Depth to Water: 7 Feet	Site Elevation Datum:
Site Name: 101 Lincoln Ave	Address: 101 Lincoln Ave, Bronx, NY 10454		Date / DTW	Ground Elevation
Drilling Company: C2	Method: Geoprobe		Not Detected	Well Specifications
Date Started: 4/20/2015	Date Completed: 4/20/2015			1" PVC
Completion Depth: 10 Feet	Geologist: Robert Bennett			

B7 (NTS)	DEPTH (ft below grade)	SAMPLES: Recovery (in.)	SAMPLES: Blow per 6 in.	SAMPLES: PID (ppm)	SOIL DESCRIPTION
	0 to 5	30		0.0	6" - Gray gravelly silt (no odor) 12" - Gray gravelly/silty sand (no odor) 12" - Brown silty fine-medium grained sand (no odor) **Retained soil sample (B7 0-2')*
	5 to 10	30		0.0	15" - Brown fine-medium grained sand (no odor) 15" - Wet, gray silty/gravelly sand (no odor) **Retained soil sample (B7 7-10')*

LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Wednesday, April 29, 2015

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

Project ID: 101 LINCOLN AVE., BRONX
Sample ID#s: BJ06314 - BJ06332

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

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

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

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

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

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

NY # 11301

SDG Comments

April 29, 2015

SDG I.D.: GBJ06314

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

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

BJ06315 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06317 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06319 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06321 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06323 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06325 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BJ06327 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	12:30
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06314

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B7 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	9170		35	6.9	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	2.2	*	0.7	0.69	mg/Kg	1	04/24/15	LK	SW6010C
Barium	34.1	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.50		0.28	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	3050		3.5	3.2	mg/Kg	1	04/24/15	LK	SW6010C
Cadmium	< 0.35		0.35	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	8.00	*	0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	20.8		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Copper	17.4		0.35	0.35	mg/kg	1	04/24/15	LK	SW6010C
Iron	16800		35	35	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.07		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1740	N	7	2.7	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	3870	*	3.5	3.5	mg/Kg	1	04/24/15	LK	SW6010C
Manganese	384	*	3.5	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	317	N	7	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	14.5		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Lead	19.3	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	26.7	*	0.3	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	37.5	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Percent Solid	87				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B7 0-2

Phoenix I.D.: BJ06314

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	04/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	102			%	2	04/23/15	AW	30 - 150 %
% TCMX	90			%	2	04/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	04/24/15	CE	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	04/24/15	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	04/24/15	CE	SW8081B
b-BHC	ND	15	15	ug/Kg	2	04/24/15	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	04/24/15	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	04/24/15	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	04/24/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	87			%	2	04/24/15	CE	30 - 150 %
% TCMX	83			%	2	04/24/15	CE	30 - 150 %

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

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

Comments:

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

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

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

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	12:30
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06315

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B7 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
2-Hexanone	ND	28	5.6	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B7 7-10

Phoenix I.D.: BJ06315

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	15	JS	50	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		11	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromochloromethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		5.6	2.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Isopropylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
m&p-Xylene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		33	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		5.6	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Butylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Propylbenzene	ND		5.6	1.0	ug/Kg	1	04/23/15	JLI	SW8260C	
o-Xylene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
sec-Butylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Styrene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrachloroethene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		11	2.8	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		11	2.8	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/23/15	JLI	70 - 130 %	
% Bromofluorobenzene	90				%	1	04/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	97			%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	97			%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	44	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	97			%	1	04/23/15	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	22	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND	22	2.8	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND	22	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	110	110	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC								
2-Methylnaphthalene	ND	370	110	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND	370	110	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND	370	100	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	120	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND	370	110	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	ND	370	100	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	ND	370	130	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates								
% 2-Fluorobiphenyl	76			%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	81			%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	105			%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

April 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	13:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06316

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	9680		35	7.0	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	7.1	*	0.7	0.70	mg/Kg	1	04/24/15	LK	SW6010C
Barium	141	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.59		0.28	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	18800		35	32	mg/Kg	10	04/23/15	LK	SW6010C
Cadmium	1.77		0.35	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	9.52	*	0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	21.8		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Copper	49.8		0.35	0.35	mg/kg	1	04/24/15	LK	SW6010C
Iron	21900		35	35	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.33		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1760	N	7	2.7	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	6450	*	35	35	mg/Kg	10	04/23/15	LK	SW6010C
Manganese	571	*	3.5	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	724	N	7	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	19.9		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Lead	461	*	7.0	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	32.2	*	0.4	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	797	*	7.0	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Percent Solid	91				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6 0-2

Phoenix I.D.: BJ06316

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1254	54	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	04/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	04/23/15	AW	30 - 150 %
% TCMX	82			%	2	04/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDT	ND	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	04/24/15	C/P	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	04/24/15	C/P	SW8081B
b-BHC	ND	10	10	ug/Kg	2	04/24/15	C/P	SW8081B
Chlordane	ND	36	36	ug/Kg	2	04/24/15	C/P	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	04/24/15	C/P	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	04/24/15	C/P	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	04/24/15	C/P	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	04/24/15	C/P	SW8081B
QA/QC Surrogates								
% DCBP	Interference			%	2	04/24/15	C/P	30 - 150 %
% TCMX	84			%	2	04/24/15	C/P	30 - 150 %

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

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

Comments:

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

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

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

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	13:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06317

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
2-Hexanone	ND	32	6.4	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6 7-10

Phoenix I.D.: BJ06317

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		32	6.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	26	JS	50	6.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		13	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromochloromethane	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		6.4	2.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	1.6	J	6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Isopropylbenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
m&p-Xylene	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		38	6.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		6.4	6.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Butylbenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Propylbenzene	ND		6.4	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
o-Xylene	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
sec-Butylbenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Styrene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrachloroethene	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		13	3.2	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	3.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichloroethene	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		6.4	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		6.4	0.64	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	04/23/15	JLI	70 - 130 %	
% Bromofluorobenzene	84				%	1	04/23/15	JLI	70 - 130 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	100				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	51	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	81				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		26	1.3	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND		26	3.2	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND		26	0.64	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND		130	130	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND		410	130	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	ND		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	310	J	410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	280	J	410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	400	J	410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	150	J	410	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	150	J	410	140	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	340	J	410	140	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND		330	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	690		410	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	260	J	410	120	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	700		410	140	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	56				%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	71				%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	93				%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

April 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	13:45
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06318

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	8990		35	7.0	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	4.2	*	0.7	0.70	mg/Kg	1	04/24/15	LK	SW6010C
Barium	79.4	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.50		0.28	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	18500		35	32	mg/Kg	10	04/23/15	LK	SW6010C
Cadmium	< 0.35		0.35	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	8.28	*	0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	17.8		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Copper	34.2		0.35	0.35	mg/kg	1	04/24/15	LK	SW6010C
Iron	18500		35	35	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.26		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1700	N	7	2.7	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	10700	*	35	35	mg/Kg	10	04/23/15	LK	SW6010C
Manganese	446	*	3.5	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	328	N	7	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	17.5		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Lead	150	*	7.0	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	27.8	*	0.4	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	108	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Percent Solid	90				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1 0-2

Phoenix I.D.: BJ06318

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	85			%	2	04/23/15	AW	30 - 150 %
% TCMX	68			%	2	04/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	5.3	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDE	5.5	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDT	4.1	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	C/P	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	C/P	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Chlordane	ND	37	37	ug/Kg	2	04/24/15	C/P	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	C/P	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	04/24/15	C/P	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	04/24/15	C/P	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	C/P	SW8081B
QA/QC Surrogates								
% DCBP	118			%	2	04/24/15	C/P	30 - 150 %
% TCMX	60			%	2	04/24/15	C/P	30 - 150 %

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

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

Comments:

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

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

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

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	13:45
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06319

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
2-Chlorotoluene	ND	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
2-Hexanone	ND	30	6.0	ug/Kg	1	04/28/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C 1

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1 7-10

Phoenix I.D.: BJ06319

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		30	6.0	ug/Kg	1	04/28/15	JLI	SW8260C	
Acetone	20	JS	50	6.0	ug/Kg	1	04/28/15	JLI	SW8260C	
Acrylonitrile	ND		12	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Benzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Bromobenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Bromochloromethane	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Bromodichloromethane	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Bromoform	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Bromomethane	ND		6.0	2.4	ug/Kg	1	04/28/15	JLI	SW8260C	
Carbon Disulfide	2.9	J	6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Carbon tetrachloride	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Chlorobenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Chloroethane	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Chloroform	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Chloromethane	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Dibromochloromethane	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Dibromomethane	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Ethylbenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Hexachlorobutadiene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Isopropylbenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
m&p-Xylene	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		36	6.0	ug/Kg	1	04/28/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Methylene chloride	ND		6.0	6.0	ug/Kg	1	04/28/15	JLI	SW8260C	
Naphthalene	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
n-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
n-Propylbenzene	ND		6.0	1.1	ug/Kg	1	04/28/15	JLI	SW8260C	
o-Xylene	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
p-Isopropyltoluene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
sec-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Styrene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
tert-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Tetrachloroethene	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	3.0	ug/Kg	1	04/28/15	JLI	SW8260C	1
Toluene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	3.0	ug/Kg	1	04/28/15	JLI	SW8260C	
Trichloroethene	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Trichlorofluoromethane	ND		6.0	1.2	ug/Kg	1	04/28/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
Vinyl chloride	ND		6.0	0.60	ug/Kg	1	04/28/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	04/28/15	JLI	70 - 130 %	
% Bromofluorobenzene	95				%	1	04/28/15	JLI	70 - 130 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	102				%	1	04/28/15	JLI	70 - 130 %
% Toluene-d8	94				%	1	04/28/15	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	48	ug/kg	1	04/28/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	04/28/15	JLI	70 - 130 %
% Bromofluorobenzene	92				%	1	04/28/15	JLI	70 - 130 %
% Toluene-d8	97				%	1	04/28/15	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		24	1.2	ug/Kg	1	04/28/15	JLI	SW8260C
Acrolein	ND		24	3.0	ug/Kg	1	04/28/15	JLI	SW8260C
Acrylonitrile	ND		24	0.60	ug/Kg	1	04/28/15	JLI	SW8260C
Tert-butyl alcohol	ND		120	24	ug/Kg	1	04/28/15	JLI	SW8260C
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		390	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND		390	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND		390	110	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	ND		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	460		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	470		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	630		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	290	J	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	240	J	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	510		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND		330	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	670		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND		390	130	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	210	J	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND		390	110	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	480		390	110	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	630		390	130	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	50				%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	44				%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	65				%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

April 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	14:15
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06320

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	6150		35	7.0	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	4.1	*	0.7	0.70	mg/Kg	1	04/24/15	LK	SW6010C
Barium	69.4	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.35		0.28	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	22000		35	32	mg/Kg	10	04/23/15	LK	SW6010C
Cadmium	< 0.35		0.35	0.14	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	6.34	*	0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	15.5		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Copper	31.8		0.35	0.35	mg/kg	1	04/24/15	LK	SW6010C
Iron	12200		35	35	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.24		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1690	N	7	2.7	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	12000	*	35	35	mg/Kg	10	04/23/15	LK	SW6010C
Manganese	223	*	3.5	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	392	N	7	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	13.8		0.35	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Lead	174	*	7.0	3.5	mg/Kg	10	04/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	21.9	*	0.4	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	97.9	*	0.7	0.35	mg/Kg	1	04/24/15	LK	SW6010C
Percent Solid	91				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2 0-2

Phoenix I.D.: BJ06320

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	86			%	2	04/23/15	AW	30 - 150 %
% TCMX	71			%	2	04/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDT	ND	3.0	3.0	ug/Kg	2	04/24/15	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	04/24/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	103			%	2	04/24/15	CE	30 - 150 %
% TCMX	66			%	2	04/24/15	CE	30 - 150 %

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

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

Comments:

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

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

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

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	14:15
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06321

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
2-Hexanone	ND	30	6.0	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C 1

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2 7-10

Phoenix I.D.: BJ06321

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		30	6.0	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	53	JS	60	6.0	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		12	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromochloromethane	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		6.0	2.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	3.2	J	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Isopropylbenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
m&p-Xylene	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	9.8	J	36	6.0	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		6.0	6.0	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	2.3	J	6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Propylbenzene	ND		6.0	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
o-Xylene	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
sec-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Styrene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrachloroethene	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	3.0	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	3.0	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichloroethene	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		6.0	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		6.0	0.60	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	04/23/15	JLI	70 - 130 %	
% Bromofluorobenzene	94				%	1	04/23/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	98			%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	97			%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	48	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	91			%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	97			%	1	04/23/15	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND	24	3.0	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND	24	0.60	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND	120	120	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC								
2-Methylnaphthalene	ND	390	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND	390	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND	390	110	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND	390	110	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	ND	390	110	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	ND	390	130	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates								
% 2-Fluorobiphenyl	79			%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	74			%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	100			%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

April 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	14:45
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06322

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B5 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	5460		36	7.3	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	9.0	*	0.7	0.73	mg/Kg	1	04/24/15	LK	SW6010C
Barium	116	*	0.7	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.52		0.29	0.15	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	26700		36	34	mg/Kg	10	04/23/15	LK	SW6010C
Cadmium	0.38		0.36	0.15	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	8.21	*	0.36	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	21.2		0.36	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Copper	65.5		0.36	0.36	mg/kg	1	04/24/15	LK	SW6010C
Iron	16500		36	36	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	2.87		0.28	0.17	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1010	N	7	2.8	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	5580	*	36	36	mg/Kg	10	04/23/15	LK	SW6010C
Manganese	212	*	3.6	3.6	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	386	N	7	3.1	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	15.0		0.36	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Lead	154	*	7.3	3.6	mg/Kg	10	04/23/15	LK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.5		1.5	1.2	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.5		1.5	1.5	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	25.4	*	0.4	0.36	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	161	*	7.3	3.6	mg/Kg	10	04/23/15	LK	SW6010C
Percent Solid	88				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B5 0-2

Phoenix I.D.: BJ06322

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	04/23/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	76			%	2	04/23/15	AW	30 - 150 %
% TCMX	56			%	2	04/23/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	89			%	2	04/24/15	CE	30 - 150 %
% TCMX	49			%	2	04/24/15	CE	30 - 150 %

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

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

Comments:

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

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

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

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	14:45
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06323

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B5 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	JJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	280	56	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	280	56	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	280	56	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	280	56	ug/Kg	50	04/28/15	JLI	SW8260C
2-Hexanone	ND	28	5.6	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	280	28	ug/Kg	50	04/28/15	JLI	SW8260C

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B5 7-10

Phoenix I.D.: BJ06323

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		28	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	22	JS	50	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		11	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
Bromochloromethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		5.6	2.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
Isopropylbenzene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
m&p-Xylene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		34	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		11	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		5.6	5.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	ND		280	56	ug/Kg	50	04/28/15	JLI	SW8260C	
n-Butylbenzene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
n-Propylbenzene	ND		280	51	ug/Kg	50	04/28/15	JLI	SW8260C	
o-Xylene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
sec-Butylbenzene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
Styrene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		280	28	ug/Kg	50	04/28/15	JLI	SW8260C	
Tetrachloroethene	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		11	2.8	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		560	140	ug/Kg	50	04/28/15	JLI	SW8260C	
Trichloroethene	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		5.6	1.1	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		5.6	0.56	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	50	04/28/15	JLI	70 - 130 %	
% Bromofluorobenzene	98				%	50	04/28/15	JLI	70 - 130 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	106				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	45	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	117				%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	77				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		22	1.1	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND		22	2.8	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND		22	0.56	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND		110	110	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		370	110	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND		370	110	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND		370	100	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	130	J	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	540		370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	530		370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	620		370	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	330	J	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	190	J	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	550		370	120	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND		330	120	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	660		370	120	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND		370	120	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	290	J	370	120	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND		370	110	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	620		370	110	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	580		370	130	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	66				%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	76				%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	54				%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	15:30
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06324

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	6460		39	7.8	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	4.6	*	0.8	0.78	mg/Kg	1	04/24/15	LK	SW6010C
Barium	75.1	*	0.8	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.34		0.31	0.16	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	5150		3.9	3.6	mg/Kg	1	04/24/15	LK	SW6010C
Cadmium	0.38	B	0.39	0.16	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	6.79	*	0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	15.4		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Copper	71.2		0.39	0.39	mg/kg	1	04/24/15	LK	SW6010C
Iron	14500		39	39	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.39		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	1300	N	8	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	2700	*	3.9	3.9	mg/Kg	1	04/24/15	LK	SW6010C
Manganese	173	*	3.9	3.9	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	350	N	8	3.3	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	15.4		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Lead	283	*	7.8	3.9	mg/Kg	10	04/23/15	LK	SW6010C
Antimony	< 1.9		1.9	1.9	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.3	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	22.2	*	0.4	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	188	*	7.8	3.9	mg/Kg	10	04/23/15	LK	SW6010C
Percent Solid	87				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3 0-2

Phoenix I.D.: BJ06324

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	04/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	74			%	2	04/24/15	AW	30 - 150 %
% TCMX	51			%	2	04/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDE	ND	3.3	3.3	ug/Kg	2	04/24/15	C/P	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	04/24/15	C/P	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	04/24/15	C/P	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	04/24/15	C/P	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Chlordane	ND	38	38	ug/Kg	2	04/24/15	C/P	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	C/P	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	04/24/15	C/P	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	04/24/15	C/P	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	C/P	SW8081B
QA/QC Surrogates								
% DCBP	85			%	2	04/24/15	C/P	30 - 150 %
% TCMX	40			%	2	04/24/15	C/P	30 - 150 %

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

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

Comments:

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

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

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

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	15:30
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06325

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	310	62	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	310	62	ug/Kg	50	04/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	310	62	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	310	62	ug/Kg	50	04/28/15	JLI	SW8260C
2-Hexanone	ND	31	6.2	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	310	31	ug/Kg	50	04/28/15	JLI	SW8260C 1

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3 7-10

Phoenix I.D.: BJ06325

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		31	6.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	38	JS	50	6.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		12	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
Bromochloromethane	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		6.2	2.5	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	3.4	J	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
Isopropylbenzene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
m&p-Xylene	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	16	J	37	6.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	1.3	J	12	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		6.2	6.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	ND		310	62	ug/Kg	50	04/28/15	JLI	SW8260C	
n-Butylbenzene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
n-Propylbenzene	ND		310	56	ug/Kg	50	04/28/15	JLI	SW8260C	
o-Xylene	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
sec-Butylbenzene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
Styrene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		310	31	ug/Kg	50	04/28/15	JLI	SW8260C	
Tetrachloroethene	1.4	J	6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	3.1	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		620	150	ug/Kg	50	04/28/15	JLI	SW8260C	
Trichloroethene	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		6.2	1.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		6.2	0.62	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	50	04/28/15	JLI	70 - 130 %	
% Bromofluorobenzene	96				%	50	04/28/15	JLI	70 - 130 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	108				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	49	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	72				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	95				%	1	04/23/15	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		25	1.2	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND		25	3.1	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND		25	0.62	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND		120	120	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	160	J	410	120	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	240	J	410	130	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	1400		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	1500		410	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	1900		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	660		410	130	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	710		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	1600		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	160	J	330	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	2800		410	130	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	580		410	140	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	140	J	410	120	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	1900		410	120	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	2500		410	140	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	59				%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	73				%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	62				%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	16:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06326

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Aluminum	9010		39	7.8	mg/Kg	10	04/23/15	LK	SW6010C
Arsenic	4.4	*	0.8	0.78	mg/Kg	1	04/24/15	LK	SW6010C
Barium	107	*	0.8	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Beryllium	0.43		0.31	0.16	mg/Kg	1	04/24/15	LK	SW6010C
Calcium	12300		39	36	mg/Kg	10	04/23/15	LK	SW6010C
Cadmium	< 0.39		0.39	0.16	mg/Kg	1	04/24/15	LK	SW6010C
Cobalt	7.65	*	0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Chromium	17.2		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Copper	90.8		0.39	0.39	mg/kg	1	04/24/15	LK	SW6010C
Iron	17100		39	39	mg/Kg	10	04/23/15	LK	SW6010C
Mercury	0.52		0.03	0.02	mg/Kg	1	04/23/15	RS	SW7471B
Potassium	2020	N	8	3.0	mg/Kg	1	04/24/15	LK	SW6010C
Magnesium	3900	*	3.9	3.9	mg/Kg	1	04/24/15	LK	SW6010C
Manganese	276	*	3.9	3.9	mg/Kg	10	04/23/15	LK	SW6010C
Sodium	266	N	8	3.4	mg/Kg	1	04/24/15	LK	SW6010C
Nickel	16.6		0.39	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Lead	129	*	0.8	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Antimony	< 2.0		2.0	2.0	mg/Kg	1	04/24/15	LK	SW6010C
Selenium	< 1.6		1.6	1.3	mg/Kg	1	04/24/15	LK	SW6010C
Thallium	< 1.6		1.6	1.6	mg/Kg	1	04/24/15	LK	SW6010C
Vanadium	26.7	*	0.4	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Zinc	152	*	0.8	0.39	mg/Kg	1	04/24/15	LK	SW6010C
Percent Solid	89				%		04/22/15	I	SW846-%Solid
Soil Extraction for PCB	Completed						04/22/15	BJ	SW3545A
Soil Extraction for Pesticide	Completed						04/22/15	BJ/H	SW3545A
Mercury Digestion	Completed						04/23/15	I/I	SW7471B
Total Metals Digest	Completed						04/22/15	CB/AG	SW3050B

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4 0-2

Phoenix I.D.: BJ06326

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Polychlorinated Biphenyls								
PCB-1016	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1260	110	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	04/24/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	81			%	2	04/24/15	AW	30 - 150 %
% TCMX	65			%	2	04/24/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	04/24/15	CE	SW8081B
4,4' -DDT	ND	5.0	5.0	ug/Kg	2	04/24/15	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Endrin ketone	ND	10	10	ug/Kg	2	04/24/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	04/24/15	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	04/24/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	04/24/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	04/24/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	97			%	2	04/24/15	CE	30 - 150 %
% TCMX	58			%	2	04/24/15	CE	30 - 150 %

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

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

Comments:

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

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

Pesticide Comment:
Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

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

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

Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/20/15	16:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06327

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4 7-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	69			%		04/22/15	I	SW846-%Solid
Soil Extraction for SVOA	Completed					04/22/15	BJ/VH	SW3545A
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloroethene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
2-Chlorotoluene	ND	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
2-Hexanone	ND	36	7.2	ug/Kg	1	04/23/15	JLI	SW8260C
2-Isopropyltoluene	ND	7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C 1

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4 7-10

Phoenix I.D.: BJ06327

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		36	7.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Acetone	34	JS	50	7.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Acrylonitrile	ND		14	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Benzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromobenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromochloromethane	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromodichloromethane	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromoform	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Bromomethane	ND		7.2	2.9	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon Disulfide	1.7	J	7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Carbon tetrachloride	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Chlorobenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroethane	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloroform	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Chloromethane	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromochloromethane	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Dibromomethane	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Ethylbenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Hexachlorobutadiene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Isopropylbenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
m&p-Xylene	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		43	7.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		14	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Methylene chloride	ND		7.2	7.2	ug/Kg	1	04/23/15	JLI	SW8260C	
Naphthalene	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Butylbenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
n-Propylbenzene	ND		7.2	1.3	ug/Kg	1	04/23/15	JLI	SW8260C	
o-Xylene	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
p-Isopropyltoluene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
sec-Butylbenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Styrene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
tert-Butylbenzene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrachloroethene	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		14	3.6	ug/Kg	1	04/23/15	JLI	SW8260C	1
Toluene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		14	3.6	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichloroethene	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorofluoromethane	ND		7.2	1.4	ug/Kg	1	04/23/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
Vinyl chloride	ND		7.2	0.72	ug/Kg	1	04/23/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	1	04/23/15	JLI	70 - 130 %	
% Bromofluorobenzene	82				%	1	04/23/15	JLI	70 - 130 %	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	96				%	1	04/23/15	JLI	70 - 130 %
1,4-dioxane									
1,4-dioxane	ND		100	58	ug/kg	1	04/23/15	JLI	SW8260C
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96				%	1	04/23/15	JLI	70 - 130 %
% Bromofluorobenzene	79				%	1	04/23/15	JLI	70 - 130 %
% Toluene-d8	95				%	1	04/23/15	JLI	70 - 130 %
Volatiles									
1,1,1,2-Tetrachloroethane	ND		29	1.4	ug/Kg	1	04/23/15	JLI	SW8260C
Acrolein	ND		29	3.6	ug/Kg	1	04/23/15	JLI	SW8260C
Acrylonitrile	ND		29	0.72	ug/Kg	1	04/23/15	JLI	SW8260C
Tert-butyl alcohol	ND		140	140	ug/Kg	1	04/23/15	JLI	SW8260C
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		480	140	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthene	ND		480	150	ug/Kg	1	04/23/15	DD	SW8270D
Acenaphthylene	ND		480	130	ug/Kg	1	04/23/15	DD	SW8270D
Anthracene	ND		480	160	ug/Kg	1	04/23/15	DD	SW8270D
Benz(a)anthracene	450	J	480	160	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(a)pyrene	470	J	480	160	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(b)fluoranthene	600		480	160	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(ghi)perylene	230	J	480	160	ug/Kg	1	04/23/15	DD	SW8270D
Benzo(k)fluoranthene	220	J	480	160	ug/Kg	1	04/23/15	DD	SW8270D
Chrysene	510		480	160	ug/Kg	1	04/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND		330	160	ug/Kg	1	04/23/15	DD	SW8270D
Fluoranthene	920		480	160	ug/Kg	1	04/23/15	DD	SW8270D
Fluorene	ND		480	160	ug/Kg	1	04/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	190	J	480	160	ug/Kg	1	04/23/15	DD	SW8270D
Naphthalene	ND		480	140	ug/Kg	1	04/23/15	DD	SW8270D
Phenanthrene	480		480	140	ug/Kg	1	04/23/15	DD	SW8270D
Pyrene	840		480	170	ug/Kg	1	04/23/15	DD	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	59				%	1	04/23/15	DD	30 - 115 %
% Nitrobenzene-d5	73				%	1	04/23/15	DD	23 - 120 %
% Terphenyl-d14	75				%	1	04/23/15	DD	18 - 137 %

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

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

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

Comments:

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

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

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

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

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

Phyllis Shiller, Laboratory Director

April 29, 2015

Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/15	13:45
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06328

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1GW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed						E/D/D	SW3520C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1GW

Phoenix I.D.: BJ06328

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acetone	8.9	S	5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Benzene	1.0		0.70	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon Disulfide	0.47	J	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	0.10	ug/L	1	04/23/15	HM	SW8260C	B
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
p-Isopropyltoluene	0.79	J	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/23/15	HM	70 - 130 %	
% Bromofluorobenzene	99				%	1	04/23/15	HM	70 - 130 %	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B1GW

Phoenix I.D.: BJ06328

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	106			%	1	04/23/15	HM	70 - 130 %
% Toluene-d8	99			%	1	04/23/15	HM	70 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/15	14:15
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06329

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2GW

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed							E/D/D	SW3520C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,4-Trimethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,4-Dichlorobenzene	0.35	J	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2GW

Phoenix I.D.: BJ06329

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acetone	4.6	JS	5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Benzene	0.70	J	0.70	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon Disulfide	0.31	J	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	0.10	ug/L	1	04/23/15	HM	SW8260C	B
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	04/23/15	HM	70 - 130 %	
% Bromofluorobenzene	98				%	1	04/23/15	HM	70 - 130 %	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B2GW

Phoenix I.D.: BJ06329

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	103			%	1	04/23/15	HM	70 - 130 %
% Toluene-d8	99			%	1	04/23/15	HM	70 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/15	15:30
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06330

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3GW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed						E/D/D	SW3520C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3GW

Phoenix I.D.: BJ06330

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acetone	2.8	JS	5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	0.10	ug/L	1	04/23/15	HM	SW8260C	B
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	8.6		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	04/23/15	HM	70 - 130 %	
% Bromofluorobenzene	99				%	1	04/23/15	HM	70 - 130 %	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B3GW

Phoenix I.D.: BJ06330

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	106			%	1	04/23/15	HM	70 - 130 %
% Toluene-d8	100			%	1	04/23/15	HM	70 - 130 %

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

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

Comments:

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

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
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/15	16:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06331

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4GW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed						E/D/D	SW3520C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4GW

Phoenix I.D.: BJ06331

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acetone	4.0	JS	5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon Disulfide	0.29	J	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	0.10	ug/L	1	04/23/15	HM	SW8260C	B
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	8.3		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	04/23/15	HM	70 - 130 %	
% Bromofluorobenzene	99				%	1	04/23/15	HM	70 - 130 %	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B4GW

Phoenix I.D.: BJ06331

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	112			%	1	04/23/15	HM	70 - 130 %
% Toluene-d8	99			%	1	04/23/15	HM	70 - 130 %

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

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

Comments:

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 29, 2015

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/20/15	13:00
Location Code:	EBC	Received by:	LB	04/22/15	15:51
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ06314
Phoenix ID: BJ06332

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6GW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed						E/D/D	SW3520C	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	B
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6GW

Phoenix I.D.: BJ06332

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acetone	2.7	JS	5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	0.10	ug/L	1	04/23/15	HM	SW8260C	B
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Methyl t-butyl ether (MTBE)	3.5		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/23/15	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/23/15	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/23/15	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/23/15	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/23/15	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	04/23/15	HM	70 - 130 %	
% Bromofluorobenzene	98				%	1	04/23/15	HM	70 - 130 %	

Project ID: 101 LINCOLN AVE., BRONX
Client ID: B6GW

Phoenix I.D.: BJ06332

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	101			%	1	04/23/15	HM	70 - 130 %
% Toluene-d8	100			%	1	04/23/15	HM	70 - 130 %

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

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

Comments:

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

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
April 29, 2015
Reviewed and Released by: Ethan Lee, Project Manager

Sample Criteria Exceedences Report

GBJ06314 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ06316	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.33	0.03	0.18	0.18	mg/Kg
BJ06316	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	461	7.0	400	400	mg/Kg
BJ06316	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	461	7.0	400	400	mg/Kg
BJ06316	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	461	7.0	63	63	mg/Kg
BJ06316	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	797	7.0	109	109	mg/Kg
BJ06318	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	5.3	3.3	3.3	3.3	ug/Kg
BJ06318	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	5.5	3.3	3.3	3.3	ug/Kg
BJ06318	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.1	3.3	3.3	3.3	ug/Kg
BJ06318	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.26	0.03	0.18	0.18	mg/Kg
BJ06318	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	150	7.0	63	63	mg/Kg
BJ06320	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.24	0.03	0.18	0.18	mg/Kg
BJ06320	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	174	7.0	63	63	mg/Kg
BJ06321	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	53	60	50	50	ug/Kg
BJ06322	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	65.5	0.36	50	50	mg/kg
BJ06322	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.87	0.28	0.81	0.81	mg/Kg
BJ06322	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.87	0.28	0.81	0.81	mg/Kg
BJ06322	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.87	0.28	0.18	0.18	mg/Kg
BJ06322	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	154	7.3	63	63	mg/Kg
BJ06322	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	161	7.3	109	109	mg/Kg
BJ06324	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	71.2	0.39	50	50	mg/kg
BJ06324	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.39	0.03	0.18	0.18	mg/Kg
BJ06324	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	283	7.8	63	63	mg/Kg
BJ06324	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	188	7.8	109	109	mg/Kg
BJ06325	$8100SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1600	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	410	1000	1000	ug/Kg
BJ06325	$8100SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	580	410	500	500	ug/Kg
BJ06325	$8100SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	580	410	500	500	ug/Kg
BJ06325	$8100SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	580	410	500	500	ug/Kg

Sample Criteria Exceedences Report

GBJ06314 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ06326	$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	37	100	100	ug/Kg
BJ06326	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	5.0	3.3	3.3	ug/Kg
BJ06326	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	90.8	0.39	50	50	mg/kg
BJ06326	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.52	0.03	0.18	0.18	mg/Kg
BJ06326	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	129	0.8	63	63	mg/Kg
BJ06326	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	152	0.8	109	109	mg/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

April 29, 2015

SDG I.D.: GBJ06314

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

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp ° C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

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

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

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

Project: 101 Lincoln Ave, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants
Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: _____ Date: 4/20/2015

Client Sample - Information - Identification

Analysis Request

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	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
06314	B7 (0-2)	S	4/20/15	1230	✓	✓	✓	✓									1	1							
06315	B7 (7-10)	S	4/20/15	1230	✓	✓	✓	✓									1	1							
06316	B6 (0-2)	S	4/20/15	1300	✓	✓	✓	✓									1	1							
06317	B6 (7-10)	S	4/20/15	1300	✓	✓	✓	✓									1	1							
06318	B1 (0-2)	S	4/20/15	1345	✓	✓	✓	✓									1	1							
06319	B1 (7-10)	S	4/20/15	1345	✓	✓	✓	✓									1	1							
06320	B2 (0-2)	S	4/20/15	1415	✓	✓	✓	✓									1	1							
06321	B2 (7-10)	S	4/20/15	1415	✓	✓	✓	✓									1	1							
06322	B5 (0-2)	S	4/20/15	1445	✓	✓	✓	✓									1	1							
06323	B5 (7-10)	S	4/20/15	1445	✓	✓	✓	✓									1	1							
06324	B3 (0-2)	S	4/20/15	1530	✓	✓	✓	✓									1	1							

Relinquished by:	Accepted by:	Date:	Time:
		4-22-15	8:15
		4-22-15	1551

Comments, Special Requirements or Regulations:

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

Coolant: Cooler: Yes ☑ No ☐ / IPK ☐ ICE ☐ No ☐

Temp (°C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

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

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

Project: 101 Lincoln Ave, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Date: 4/20/15

Client Sample - Information - Identification

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
06325	B3 (7-16)	S	4/20/15	1530	✓	✓	✓	✓									1	1							
06326	B4 (0-2)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06327	B4 (7-10)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06328	B1GW	GW	4/20/15	1345	✓	✓	✓	✓											3	1					
06329	B2GW	GW	4/20/15	1415	✓	✓	✓	✓											3	1					
06330	B3GW	GW	4/20/15	1530	✓	✓	✓	✓											3	1					
06331	B4GW	GW	4/20/15	1600	✓	✓	✓	✓											3	1					
06332	B6GW	GW	4/20/15	1300	✓	✓	✓	✓											3	2					

Relinquished by:	Accepted by:	Date:	Time:
Rob Bennett		4-20-15	8:15
		4-21-15	1551

Comments, Special Requirements or Regulations:

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

Cooler: Yes ☑ No ☐ Coolant: IPK ☑ ICE ☐ No ☐ Temp °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
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☐ Fax:
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Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, New York 11961

Project: 101 Lincoln Ave, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 4/20/15

Client Sample - Information - Identification

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
06325	B3 (7-16)	S	4/20/15	1530	✓	✓	✓	✓									1	1							
06326	B4 (0-2)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06327	B4 (7-10)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06328	B1GW *	GW	4/20/15	1345	✓	✓	✓	✓											3	1					
06329	B2GW *	GW	4/20/15	1415	✓	✓	✓	✓											3	1					
06330	B3GW *	GW	4/20/15	1530	✓	✓	✓	✓											3	1					
06331	B4GW *	GW	4/20/15	1600	✓	✓	✓	✓											3	1					
06332	B6GW *	GW	4/20/15	1300	✓	✓	✓	✓											3	2					

Relinquished by:	Accepted by:	Date:	Time:
[signature] Bob Bennett	[signature]	4-20-15	8:15
[signature]	[signature]	4-22-15	1551

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☑ NY375 Unrestricted Use Soil
☑ NY375 Residential
☑ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

Comments, Special Requirements or Regulations:

* Not enough Sample to analyze all parameters. Emailed Client. 4-23-15 (BW)

State where samples were collected: NY

GBJ06314

Shannon - Phoenixlabs

From: Shannon - Phoenixlabs [shannon@phoenixlabs.com]
Sent: Thursday, April 23, 2015 10:29 AM
To: 'Kevin Waters'
Cc: 'Kevin Brussee'
Subject: 101 Lincoln Ave Bronx
Attachments: GBJ06314-ChainofCustody-1.pdf

Importance: High

Good Morning,

Please see attached on samples received. There was not enough bottles on the groundwaters to analyze all of the parameters you are requesting. B1 thru B4 we only have 1 amber & 3 voa vials so we can only report 8260 & 8270. B6 looks like we received 2 ambers and 3 voa vials so we should be able to report everything except the metals. Please let me know if you have any questions. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs

GBJ06314

Shannon - Phoenixlabs

From: Kevin Brussee [kbrussee@ebcincny.com]
Sent: Thursday, April 23, 2015 12:08 PM
To: 'Shannon - Phoenixlabs'; 'Kevin Waters'
Cc: 'Sarah - Phoenixlabs'; 'Charles Sosik'
Subject: RE: 101 Lincoln Ave Bronx

Shannon/Sarah,

Please hold off on this job for a minute. The COC is completely incorrect.

Can you please also send me the COC for 2401 3rd Avenue. I suspect that COC is completely incorrect too.

Thanks,

Kevin Brussee
Senior Project Manager
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.338.1749
Kbrussee@ebcincny.com

From: Shannon - Phoenixlabs [mailto:shannon@phoenixlabs.com]
Sent: Thursday, April 23, 2015 10:29 AM
To: 'Kevin Waters'
Cc: 'Kevin Brussee'
Subject: 101 Lincoln Ave Bronx
Importance: High

Good Morning,
Please see attached on samples received. There was not enough bottles on the groundwaters to analyze all of the parameters you are requesting. B1 thru B4 we only have 1 amber & 3 voa vials so we can only report 8260 & 8270. B6 looks like we received 2 ambers and 3 voa vials so we should be able to report everything except the metals. Please let me know if you have any questions. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs

GBJ 06314

Shannon - Phoenixlabs

From: Sarah - Phoenixlabs [sarah@phoenixlabs.com]
Sent: Thursday, April 23, 2015 12:45 PM
To: 'Shannon - Phoenixlabs'
Subject: Corrected EBC Chains FW: 2401Third Ave, 101 Lincoln
Attachments: img-150423114226.pdf; img-150423113532.pdf

Importance: High

From: Charles Sosik [mailto:csosik@ebcincny.com]
Sent: Thursday, April 23, 2015 12:44 PM
To: 'Sarah - Phoenixlabs'
Subject: 2401Third Ave, 101 Lincoln

Sarah, see corrected chains. Thanks.

Charles B. Sosik, P.G.
Principal
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 112
Fax: 631.924.2870
Cell: 631.357.4927
csosik@ebcincny.com

Pg. 1 of 2

Cooler: Yes ☐ No ☐ Coolant: IPK ☐ ICE ☐ No ☐ Temp °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

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

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

Project: 101 Lincoln Ave, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Client Sample - Information - Identification Date: 4/20/2015

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	X	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As Is	PL As Is [ ] 250ml	PL H2SO4 [ ] 250ml	PL HNO3 250ml [ ] 500ml	PL NaOH 250ml	Bacteria Bottle
06314	B7 (0-2)	S	4/20/15	1230	✓	✓	✓	✓								1	1								
06315	B7 (7-10)	S	4/20/15	1230	✓	✓	✓	✓								1	1								
06316	B6 (0-2)	S	4/20/15	1300	✓	✓	✓	✓								1	1								
06317	B6 (7-10)	S	4/20/15	1300	✓	✓	✓	✓								1	1								
06318	B1 (0-2)	S	4/20/15	1345	✓	✓	✓	✓								1	1								
06319	B1 (7-10)	S	4/20/15	1345	✓	✓	✓	✓								1	1								
06320	B2 (0-2)	S	4/20/15	1415	✓	✓	✓	✓								1	1								
06321	B2 (7-10)	S	4/20/15	1415	✓	✓	✓	✓								1	1								
06322	B5 (0-2)	S	4/20/15	1445	✓	✓	✓	✓								1	1								
06323	B5 (7-10)	S	4/20/15	1445	✓	✓	✓	✓								1	1								
06324	B3 (0-2)	S	4/20/15	1530	✓	✓	✓	✓								1	1								

Relinquished by:	Accepted by:	Date:	Time:
		4-22-15	8:15
		4-22-15	1557

Comments, Special Requirements or Regulations:
4 day TAT

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

Pg 2 of 2

Cooler: Yes ☐ No ☐ Coolant: IPK ☐ ICE ☐ Temp °C

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Pg of

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

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

Project: 101 Lincoln Ave, Bronx
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Date: 4/20/15

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	Analysis Request: VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	+	+	+	+	x	+	+	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] HCl	GL Amber 1000ml [ ] As is	PL As is [ ] 250ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
06325	B3 (7-16)	S	4/20/15	1530	✓	✓	✓	✓									1	1							
06326	B4 (0-2)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06327	B4 (7-10)	S	4/20/15	1600	✓	✓	✓	✓									1	1							
06328	B1GW	GW	4/20/15	1345	✓	✓	✓	✓											3	1					
06329	B2GW	GW	4/20/15	1415	✓	✓	✓	✓											3	1					
06330	B3GW	GW	4/20/15	1530	✓	✓	✓	✓											3	1					
06331	B4GW	GW	4/20/15	1600	✓	✓	✓	✓											3	1					
06332	B6GW	GW	4/20/15	1300	✓	✓	✓	✓											3	2					

Relinquished by:	Accepted by:	Date:	Time:
		4-20-15	8:15
		4-20-15	1551

Comments, Special Requirements or Regulations:

4 day TAT

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

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

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
■ NY375 Unrestricted Use Soil
■ NY375 Residential
■ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

November 8, 2016

Man-tsz Yau
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany NY, 12233

Re: ***Additional Soil and Groundwater Sampling***
Former Bronx Freight Terminal Site
101 Lincoln Avenue, Bronx, NY
BCP Site Number C203082

Dear Ms. Yau:

Environmental Business Consultants (EBC) performed additional groundwater and soil sampling at the above referenced property between August 18 and September 13, 2016 to further delineate on site contamination.

In May 2015, 101 Lincoln Associates Property LLC filed an application with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP). This application was rejected. Following the collection of additional data the 101 Lincoln Associates Property LLC re-applied with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP) in May 2016.

Property Description/Physical Setting/Site History

The street address for the Site is 101 Lincoln Avenue, Bronx, NY. The Site is located in the South Bronx section of Bronx County and is comprised of a single tax lot totaling 133,700 sf (3.07 acres). The property has approximately 300 feet of street frontage on Bruckner Avenue, approximately 350 ft of street frontage on Lincoln Avenue and approximately 500 ft of frontage along the north side of the Harlem River.

The lot is developed with a one-story L-shaped warehouse building with a connected two-story office building totaling 83,064 square feet. The Site was first developed sometime before 1908. From 1908 to 1951 the Site was occupied by the New Jersey Central Rail Bronx Freight Terminal. From 1968 to 2007, the Site is identified as Gerosa Haulage Corporation (with uses including crane repair, paint shop, blacksmith shop, and garage repair shop). According to the NYC Department of Buildings, the existing building was constructed in 1966.

The elevation of the Site is approximately feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the southwest. The depth to groundwater beneath the Site is 6-7 feet below grade. Based on regional groundwater elevation maps, and measurements made at the Site, groundwater flows to the southwest toward the Harlem River.

The additional sampling documented in this report was performed to support the updated excavation plans and to further define the petroleum hot spot areas. An updated excavation plan in attached as **Figure 4**.

Additional Soil and Groundwater Sampling Summary

Soil Borings
Eighteen soil boring locations (15B6A, 15B6B, 15B6C, 15B6D, 15B6D1, 15B9A, 15B9B, 15B9C, 16SB1, 16SB2, 16SB3, 16SB4, 16SB5, 16SB16, 16SB7, 16SB8, 15SB9 and 16SB10) were selected as shown on **Figure 1** to gain representative soil quality information from across the site. Soil samples 15B6A, 15B6B, 15B6C, 15B6D, 15B6D1, 15B9A, 15B9B, 15B9C were collected to delineate the petroleum hots spots. These samples were collected 10 feet from the original locations were elevated levels of ethylbenzene was detected. Soil samples 16SB1, 16SB2, 16SB3, 16SB4, 16SB5, 16SB16, 16SB7, 16SB8, 15SB9 and 16SB10 were collected to determine soil quality at the planned excavation depths. All borings were advanced with Geoprobe™ direct push equipment and sampled with a 4-foot macro-core sampler using disposable acetate liners. Soil was characterized by an Environmental Professional (EP) and visually inspected for signs of contamination. At each of the soil boring locations, soil samples were collected continuously from grade to a depth of 10 to 15 feet below grade. Soil was characterized as fill material to depths as great at 11 feet followed by brown and black sandy clay, brown silty sand, brown clayey sand to termination depth. Soil boring logs are attached in **Appendix A**.

Soil samples were retained at 2-4 foot interval for samples 16SB1, 16SB2, 16SB3, 16SB4 and 16SB16. For 16SB5, 16SB7, 16SB8, 16SB9 and 16SB10, soil samples were collected at the 7-9 ft interval. These samples were analyzed for SVOCs USEPA Method 8270 and TAL metals. Soil samples were retained at the 12-14 foot interval for 15B6A, 15B6B, 15B6C, 15B6D, 15B6D1, 15B9A, 15B9B, 15B9C. These samples were analyzed for VOCs USEPA Method 8260 and SVOCs USEPA Method 8270.

Groundwater
A total of four groundwater samples and a duplicate were collected from MW1, MW2, MW5 and MW6 installed during the remedial investigation **(**location noted in **Figure 1**). Groundwater samples were collected utilizing dedicated polyethylene tubing, a peristaltic pump, and a Horiba. These samples were analyzed for filtered and unfiltered SVOCs USEPA Method 8270 (filtered and unfiltered).

Sample Handling and Analysis
Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301).

Results

Soil

Soil sample results were compared to Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC Soil Cleanup Guidance (10/21/10). Analytical data for the soil samples are summarized in **Tables 1**, **2 and 3**, and a copy of the laboratory analytical report is included in **Appendix B**.

As presented in **Table 1**, two VOCs, ethylbenzene and n-propylbenzene were detected above Unrestricted Use SCOs (UUSCOs) within one soil boring sample and the duplicate. Ethylbenzene was detected in one soil sample and the duplicate, 15SB6D 12-14' (4,300 µg/Kg) and duplicate 12-14' (1,200 µg/Kg). N-propylbenzene was detected in one soil sample, 15SB6D 12-14' (20,000 µg/Kg).

As presented in **Table 2**, seven SVOCs (benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene and naphthalene were detected in four soil samples and the duplicate above Restricted Residential Use SCOs (RRSCOs). Benz(a)anthracene was detected in three soil samples and the duplicate ranging from 1,700 µg/Kg (16SB16) to 7,800 µg/Kg (15SB6D). Benzo(a)pyrene was detected in three soil samples and the duplicate ranging from 1,800 µg/Kg (16SB16) to 5,700 µg/Kg (15SB6D). Benzo(b)fluoranthene was detected in three soil samples and the duplicate ranging from 1,300 µg/Kg (16SB7 and 16SB16) to 3,600 µg/Kg (15SB6D). Benzo(k)fluoranthene was detected in three soil samples and the duplicate ranging from 1,300 µg/Kg (16SB7 and 16SB16) to 3,600 µg/Kg (15SB6D). Chrysene was detected in three soil samples and the duplicate ranging from 2,000 µg/Kg (16SB16) to 8,200 µg/Kg (15SB6D). Indeno(1,2,3-cd)pyrene was detected in four soil samples and the duplicate ranging from 570 µg/Kg (16SB4) to 3,700 µg/Kg (15SB6D). Naphthalene was detected in one soil sample and the duplicate ranging from 440,000 µg/Kg (duplicate) to 970,000 µg/Kg (15SB6D).

As presented in **Table 3**, three metals were detected over Restricted Residential Use SCOs and two metals were detected above Unrestricted Use SCOs. Copper was noted in two soil samples and ranged from 55.1 mg/Kg (16SB1) to 335 mg/Kg (16SB16). Lead was identified in five soil samples and the duplicate ranging from 106 mg/Kg (16SB4) to 893 mg/Kg (16SB7). Mercury was detected in six soil samples and the duplicate ranging from 0.2 mg/Kg (16SB4) to 1.17 mg/Kg (16SB16). Nickel was noted in one soil sample (16SB1) at 33.9 mg/Kg and zinc was noted in four soil samples ranging from 117 mg/Kg (16SB7) to 337 mg/Kg (16SB16).

Groundwater

Groundwater sample results were compared to the water quality standards specified in NYSDEC Groundwater Quality Standards (GQSs). Analytical data for the groundwater samples are summarized in **Table 4 and 5**. A copy of the laboratory analytical report is provided in **Appendix B**.

As presented in **Table 4**, seven unfiltered SVOCs, including naphthalene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene detected above GQS in the four groundwater samples collected. Naphthalene at 240 µg/L was detected above its respective GQS in MW6. Benz(a)anthracene and benzo(a)pyrene ranging from 0.03 µg/L to 0.04 µg/L, was above GQS in samples MW1 and MW5.

Benzo(b)fluoranthene ranging 0.02 µg/L to 0.03 µg/L, was above GQS in samples MW1 and MW5. Benzo(k)fluoranthene was detected at 0.03 µg/L, above GQS in sample MW1. Chrysene ranging 0.02 µg/L to 0.03 µg/L, was above GQS in samples MW1 and MW5. Indeno(1,2,3-cd)pyrene was detected at 0.02 µg/L, above GQS in sample MW1.

As presented in **Table 5**, two filtered SVOCs, including naphthalene and bis(2-ethylhexyl)phthalate were detected above GQS in two groundwater samples and duplicate collected. Naphthalene at 93 µg/L was detected above its respective GQS in MW6. Bis(2-ethylhexyl)phthalate ranged from 0.03 µg/L to 0.04 µg/L, was above GQS in samples MW1 and MW5. Benzo(b)fluoranthene ranging 13 µg/L to 70 µg/L, was above GQS in samples MW5 and the duplicate.

Conclusion and Recommendations

Subsurface soil at the Site consisted of fill, which was primarily comprised of brick and concrete in a sandy, silt clay matrix to depths as great as 11 feet below grade, underlain by sandy clay to the termination depth of 15 feet. Groundwater is present beneath the Site at a depth of 6-7 feet below surface grade and flows to the southwest.

Supplemental Borings and Groundwater Sampling
SVOCs in the 2-4 foot and 7-9 foot samples were noted in 16SB4, 16SB16 and 16SB7 and are typically associated with fill material. Groundwater results indicate that SVOCs from the soil are migrating in to the groundwater.

Petroleum Hot Spot Borings
The results of the supplemental petroleum hot spot borings have defined the boundaries around 15SB6 and 15SB9. The supplemental borings were installed 10 feet around the original locations and elevated VOCs and SVOCs were confined to these boundaries. Each of these hotspots will be removed during implementation of the Remedial Action Work Plan.

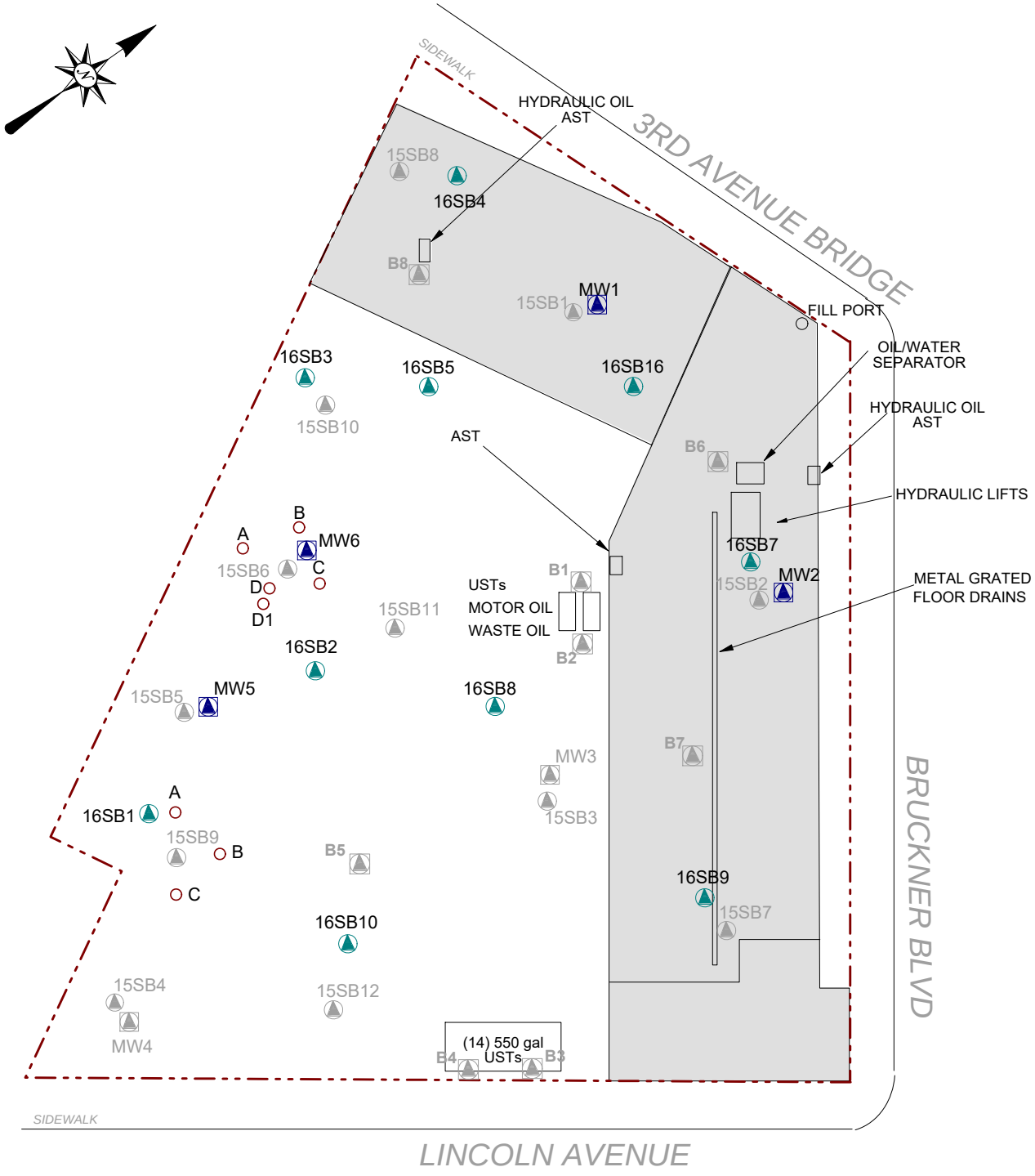
Please call if you have any questions or would like to discuss the project further.

Very truly yours,
Environmental Business Consultants

Chawinie Reilly
Project Manager / Industrial Hygienist

FIGURES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870



KEY:

- Property Line
- 15SBx — RI Soil Boring Location
- 16SBx — Soil Boring Location
- MWx — Groundwater Sampling Location
- Petroleum Hot Spot Delination Samples
- Bx — Phase II Soil Boring Location

SCALE:

0 35 70

Scale: 1 inch = 70 feet

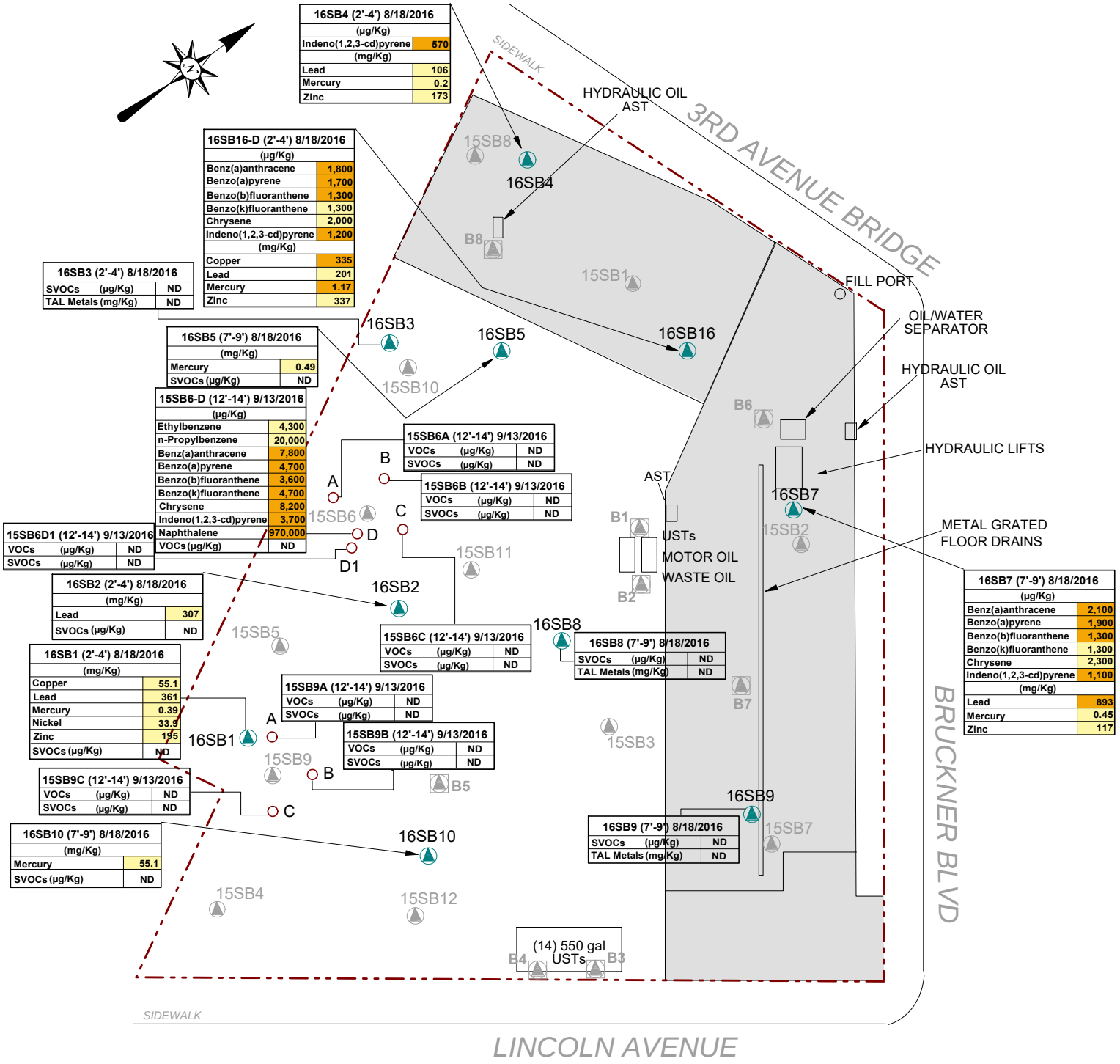
EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 1

Site Name: Former Bronx Freight Terminal

Site Address: 101 Lincoln Avenue, Bronx, NY

Drawing Title: Additional Sample Locations



KEY:

- Property Line
- Bx — Phase II Soil Boring Location
- 15SBx — Soil Boring Location
- 16SBx — Soil Boring Location
- Petroleum Hot Spot Delination Samples

ND No Detections Above UUSCOs
Detections Above Unrestricted Use SCOs
Detections Above Restricted Residential Use SCOs

SCALE:

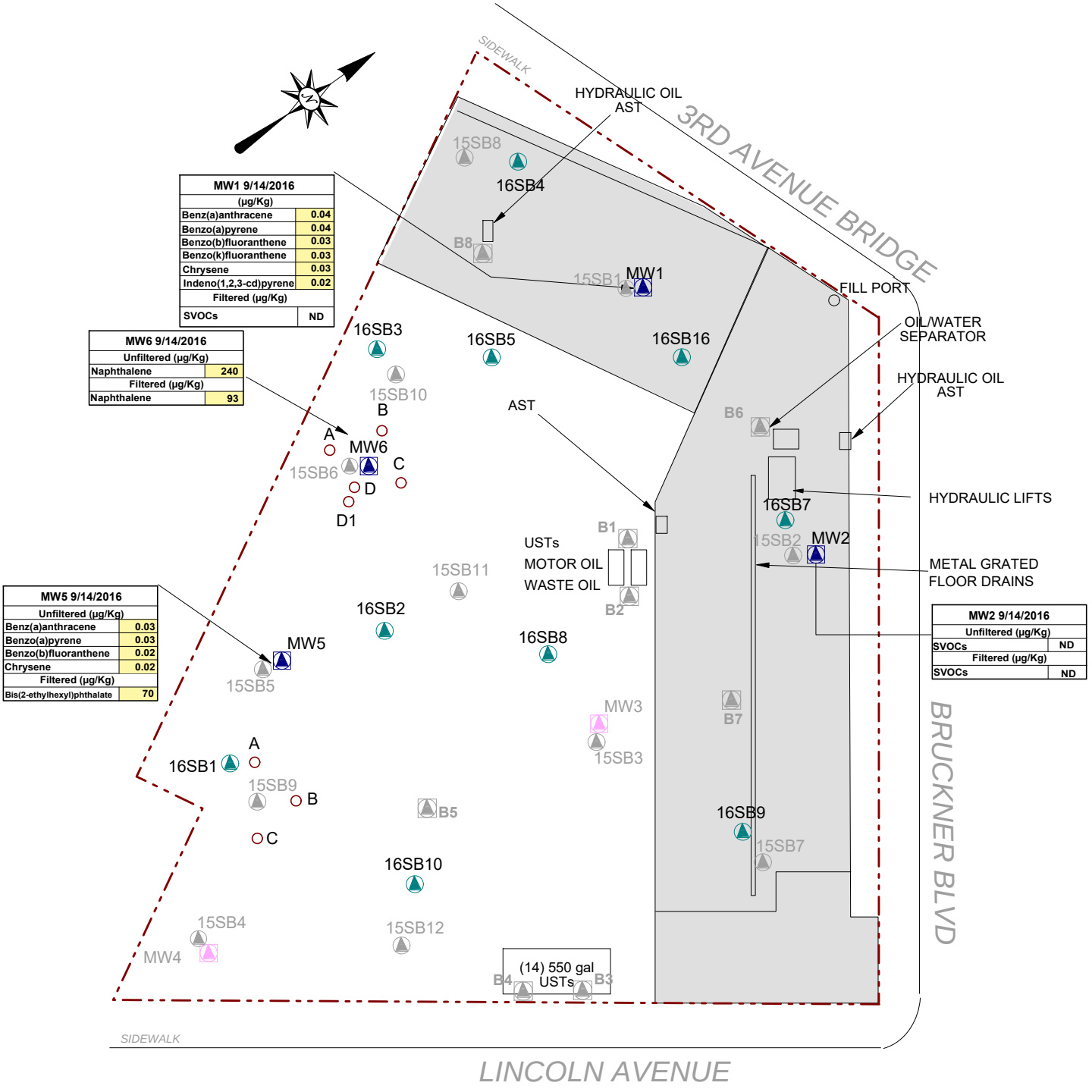
0 35 70

Scale: 1 inch = 70 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: Former Bronx Freight Terminal
Site Address: 101 Lincoln Avenue, Bronx, NY
Drawing Title: Soil Exceedence Map



MW1 9/14/2016 (µg/Kg)	
Benz(a)anthracene	0.04
Benzo(a)pyrene	0.04
Benzo(b)fluoranthene	0.03
Benzo(k)fluoranthene	0.03
Chrysene	0.03
Indeno(1,2,3-cd)pyrene	0.02
Filtered (µg/Kg)	
SVOCs	ND

MW6 9/14/2016	
Unfiltered (µg/Kg)	
Naphthalene	240
Filtered (µg/Kg)	
Naphthalene	93

MW5 9/14/2016	
Unfiltered (µg/Kg)	
Benz(a)anthracene	0.03
Benzo(a)pyrene	0.03
Benzo(b)fluoranthene	0.02
Chrysene	0.02
Filtered (µg/Kg)	
Bis(2-ethylhexyl)phthalate	70

MW2 9/14/2016	
Unfiltered (µg/Kg)	
SVOCs	ND
Filtered (µg/Kg)	
SVOCs	ND

KEY:

- Property Line
- MWx — Groundwater Sampling Location
- MWx — Groundwater Location; no sample collected
- Detections Above NYSDEC Groundwater Standards
- Bx — Phase II Soil Boring Location
- 15SBx — RI Soil Boring Location
- ND Not Detected above NYSDEC Groundwater Standards
- 16SBx — Soil Boring Location
- Petroleum Hot Spot Delination Samples

SCALE:

0 35 70

Scale: 1 inch = 70 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 3

Site Name: Former Bronx Freight Terminal Site

Site Address: 101 Lincoln Avenue, Bronx, NY

Drawing Title: Groundwater Exceedence Map

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

Figure No. 4

Site Name: FORMER BRONX FREIGHT TERMINAL
Site Address: 101 LINCOLN AVENUE, BRONX, NY
Drawing Title: EXCAVATION PLAN

TABLES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

TABLE 1
101 Lincoln Avenue,
Bronx, 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*	15SB6-A		15SB6-B		15SB6-C		15SB6-D		15SB6-D1		15SB9-A		15SB9-B		15SB9-C		Duplicate	
			(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')			
			9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 21	21	< 16	16	< 15	15	< 32000	32,000	< 17	17	< 19	19	< 23	23	< 19	19	< 8500	8,500
1,1,1-Trichloroethane	680	100,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 680	680	< 250	250	< 5.0	5.0	< 680	680
1,1,2,2-Tetrachloroethane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,1,2-Trichloroethane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,1-Dichloroethane	270	26,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,1-Dichloroethene	330	100,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 330	330	< 250	250	< 5.0	5.0	< 330	330
1,1-Dichloropropene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2,3-Trichlorobenzene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2,3-Trichloropropane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2,4-Trichlorobenzene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2,4-Trimethylbenzene	3,600	52,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2-Dibromo-3-chloropropane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2-Dibromomethane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2-Dichlorobenzene	1,100	100,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 1100	1,100	< 250	250	< 5.0	5.0	< 1100	1,100
1,2-Dichloroethane	20	3,100	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,2-Dichloropropane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,3,5-Trimethylbenzene	8,400	52,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,3-Dichlorobenzene	2,400	4,900	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,3-Dichloropropane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
1,4-Dichlorobenzene	1,800	13,000	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 1800	1,800	< 250	250	< 5.0	5.0	< 1800	1,800
1,4-dioxane	100	13,000	< 80	80	< 61	61	< 56	56	< 120000	120,000	< 65	65	< 70	70	< 84	84	< 71	71	< 32000	32,000
2,2-Dichloropropane			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
2-Chlorotoluene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
2-Hexanone (Methyl Butyl Ketone)			< 23	23	< 28	28	< 24	24	< 22	22	< 22	22	< 11000	11,000	< 1300	1,300	< 25	25	< 11000	11,000
2-Isopropyltoluene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	700	2,100	< 250	250	< 5.0	5.0	700	2,100
4-Chlorotoluene			< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 4.3	4.3	< 4.3	4.3	< 2100	2,100	< 250	250	< 5.0	5.0	< 2100	2,100
4-Methyl-2-Pentanone			< 23	23	< 28	28	< 24	24	< 22	22	< 22	22	< 11000	11,000	< 1300	1,300	< 25	25	< 11000	11,000
Acetone	50	100,000	19	23	16	28	28	24	9.2	22	9.2	22	< 2100	2,100	< 1300	1,300	8.8	25	< 2100	2,100
Acrolein			< 21	21	< 16	16	< 15	15	< 32000	32,000	< 17	17	< 19	19	< 23	23	< 19	19	< 8500	8,500
Acrylonitrile			< 21	21	< 16	16	< 15	15	< 32000	32,000	< 17	17	< 19	19	< 23	23	< 19	19	< 8500	8,500
Benzene	60	4,800	< 5.3	5.3	5.5	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Bromobenzene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Bromochloromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Bromodichloromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Bromoform			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Bromomethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Carbon Disulfide			1.3	5.3	0.83	4.0	1.7	3.8	< 7900	7,900	1.5	4.3	7.6	4.6	< 5.6	5.6	2.6	4.7	< 2100	2,100
Carbon tetrachloride	760	2,400	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 760	760
Chlorobenzene	1,100	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 1000	1,000	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 1100	1,100
Chloroethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Chloroform	370	49,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 370	370
Chloromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
cis-1,2-Dichloroethene	250	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 250	250
cis-1,3-Dichloropropene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Dibromochloromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Dibromomethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Dichlorodifluoromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Ethylbenzene	1,000	41,000	< 5.3	5.3	87	460	1.9	3.8	4,300	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	1,200	2,100
Hexachlorobutadiene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Isopropylbenzene			< 5.3	5.3	220	460	1	3.8	37,000	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	21,000	2,100
m&p-Xylenes	260	100,000	< 5.3	5.3	1.8	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 32	32	6.3	24	< 23	23	< 47000	47,000	< 26	26	< 28	28	< 34	34	< 28	28	< 13000	13,000
Methyl t-butyl ether (MTBE)	930	100,000	< 11	11	< 8.1	8.1	< 7.5	7.5	< 16000	16,000	< 8.7	8.7	< 9.3	9.3	< 11	11	< 9.4	9.4	< 930	930
Methylene chloride	50	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Naphthalene			1.4	5.3	920	460	1,100	310	79,000	7,900	< 4.3	4.3	3.5	4.6	< 5.6	5.6	< 4.7	4.7	27,000	2,100
n-Butylbenzene	12,000	100,000	< 5.3	5.3	0.5	4.0	< 3.8	3.8	2,400	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	1,300	2,100
n-Propylbenzene	3,900	100,000	< 5.3	5.3	12	4.0	< 3.8	3.8	20,000	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	2,800	2,100
o-Xylene	260	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
p-Isopropyltoluene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	4,500	7,900	< 4.3	4.3	130	350	< 5.6	5.6	< 4.7	4.7	1,300	2,100
sec-Butylbenzene	11,000	100,000	< 5.3	5.3	0.72	4.0	< 3.8	3.8	1,100	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	880	2,100
Styrene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
tert-butyl alcohol			< 110	110	< 81	81	< 75	75	< 160000	######	< 87	87	< 93	93	< 110	110	< 94	94	< 42000	42,000
tert-Butylbenzene	5,900	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 5000	5,000	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Tetrachloroethene	1,300	19,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 1300	1,300
Tetrahydrofuran (THF)			< 11	11	< 8.1	8.1	< 7.5	7.5	< 16000	16,000	< 8.7	8.7	< 9.3	9.3	< 11	11	< 9.4	9.4	< 4200	4,200
Toluene	700	100,000	< 5.3	5.3	4.6	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 700	700
trans-1,2-Dichloroethene	190	100,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
trans-1,3-Dichloropropene			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
trabs-1,4-dichloro-2-butene			< 11	11	< 8.1	8.1	< 7.5	7.5	< 16000	16,000	< 8.7	8.7	< 9.3	9.3	< 11	11	< 9.4	9.4	< 4200	4,200
Trichloroethene	470	21,000	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 470	470
Trichlorofluoromethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Trichlorotrifluoroethane			< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Vinyl Chloride	20	900	< 5.3	5.3	< 4.0	4.0	< 3.8	3.8	< 7900	7,900	< 4.3	4.3	< 4.6	4.6	< 5.6	5.6	< 4.7	4.7	< 2100	2,100
Total BTEX Concentration			0		98.9		1.9		4300		0		0		0		0		1200	
Total VOCs Concentration			21.7		1275.25		1132.6		148309.2		10.7		841.1		0		11.4		56180	

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
101 Lincoln Avenue,
Bronx, 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*	16SB1		16SB2		16SB3		16SB4		16SB5		16SB7		16SB8		16SB9		16SB10		16SB16		Duplicate		15SB6-A		15SB6-B		15SB6-C		15SB6-D		15SB6-D1		15SB9-A		15SB9-B		15SB9-C		Duplicate	
			(2-4')		(2-4')		(2-4')		(2-4')		(7-9')		(7-9')		(7-9')		(7-9')		(7-9')		(2-4')				(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')		(12'-14')			
			8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/19/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016		9/13/2016	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
1,2,4-Trichlorobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
1,2-Dichlorobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
1,2-Diphenylhydrazine			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
1,3-Dichlorobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
1,4-Dichlorobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2,4,5-Trichlorophenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2,4,6-Trichlorophenol			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
2,4-Dichlorophenol			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
2,4-Dimethylphenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2,4-Dinitrophenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2,4-Dinitrotoluene			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
2,6-Dinitrotoluene			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
2-Chloronaphthalene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2-Chlorophenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2-Methylnaphthalene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	**150**	300	< 260	260	< 290	290	**300**	280	< 280	280	**30,000**	8,200	< 270	270	< 280	280	< 320	320	< 270	270	**14,000**	5,800
2-Methylphenol (o-cresol)	330	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2-Nitroaniline			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
2-Nitrophenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
3,3'-Dichlorobenzidine			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
3-Nitroaniline			< 370	370	< 370	370	< 380	380	< 360	360	< 370	370	< 400	400	< 370	370	< 470	470	< 380	380	< 430	430	< 370	370	< 410	410	< 400	400	< 410	410	< 12000	12,000	< 390	390	< 390	390	< 450	450	< 390	390	< 8300	8,300
4,6-Dinitro-2-methylphenol			< 220	220	< 220	220	< 230	230	< 220	220	< 220	220	< 240	240	< 220	220	< 280	280	< 230	230	< 260	260	< 220	220	< 250	250	< 240	240	< 240	240	< 7000	7,000	< 230	230	< 240	240	< 270	270	< 230	230	< 5000	5,000
4-Bromophenyl phenyl ether			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
4-Chloro-3-methylphenol			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
4-Chloroaniline			< 290	290	< 290	290	< 310	310	< 290	290	< 300	300	< 320	320	< 300	300	< 380	380	< 300	300	< 350	350	< 300	300	< 330	330	< 320	320	< 330	330	< 9400	9,400	< 310	310	< 320	320	< 360	360	< 310	310	< 6600	6,600
4-Chlorophenyl phenyl ether			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
4-Nitroaniline			< 370	370	< 370	370	< 380	380	< 360	360	< 370	370	< 400	400	< 370	370	< 470	470	< 380	380	< 430	430	< 370	370	< 410	410	< 400	400	< 410	410	< 12000	12,000	< 390	390	< 390	390	< 450	450	< 390	390	< 8300	8,300
4-Nitrophenol			< 370	370	< 370	370	< 380	380	< 360	360	< 370	370	< 400	400	< 370	370	< 470	470	< 380	380	< 430	430	< 370	370	< 410	410	< 400	400	< 410	410	< 12000	12,000	< 390	390	< 390	390	< 450	450	< 390	390	< 8300	8,300
Acenaphthene	20,000	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	**300**	280	< 260	260	< 330	330	< 260	260	**450**	300	< 260	260	< 290	290	**160**	280	< 280	280	**3,600**	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Acenaphthylene	100,000	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	**130**	300	< 260	260	< 290	290	< 280	280	< 280	280	**5,600**	8,200	< 270	270	< 280	280	< 320	320	< 270	270	**3,900**	5,800
Acetophenone			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Aniline			< 290	290	< 290	290	< 310	310	< 290	290	< 300	300	< 320	320	< 300	300	< 380	380	< 300	300	< 350	350	< 300	300	< 330	330	< 320	320	< 330	330	< 9400	9,400	< 310	310	< 320	320	< 360	360	< 310	310	< 6600	6,600
Anthracene	100,000	100,000	< 260	260	**130**	260	< 270	270	**150**	250	< 260	260	**900**	280	< 260	260	< 330	330	< 260	260	**1,000**	300	**240**	260	< 290	290	**150**	280	< 280	280	**8,700**	8,200	**240**	270	**160**	280	< 320	320	**130**	270	**6,200**	5,800
Benz(a)anthracene	1,000	1,000	**250**	260	**350**	260	< 270	270	**690**	250	< 260	260	**2,100**	280	< 260	260	< 330	330	**420**	260	**1,800**	300	**450**	260	**360**	290	**240**	280	**150**	280	**7,800**	8,200	**510**	270	**380**	280	< 320	320	**270**	270	**6,300**	5,800
Benzidine			< 370	370	< 370	370	< 380	380	< 360	360	< 370	370	< 400	400	< 370	370	< 470	470	< 380	380	< 430	430	< 370	370	< 410	410	< 400	400	< 410	410	< 12000	12,000	< 390	390	< 390	390	< 450	450	< 390	390	< 8300	8,300
Benzo(a)pyrene	1,000	1,000	**230**	180	**310**	180	< 190	190	**650**	180	< 180	180	**1,900**	200	< 180	180	< 240	240	**420**	190	**1,700**	220	**430**	190	**340**	210	**260**	200	< 200	200	**5,700**	5,800	**480**	190	**360**	200	< 230	230	**240**	190	**4,900**	4,100
Benzo(b)fluoranthene	1,000	1,000	**180**	260	**270**	260	< 270	270	**590**	250	< 260	260	**1,300**	280	< 260	260	< 330	330	**360**	260	**1,300**	300	**390**	260	**250**	290	**210**	280	< 280	280	**3,600**	3,500	**350**	270	**280**	280	< 320	320	**170**	270	**3,300**	5,800
Benzo(ghi)perylene	100,000	100,000	**140**	260	**230**	260	< 270	270	**430**	250	< 260	260	**1,000**	280	< 260	260	< 330	330	**300**	260	**1,000**	300	**280**	260	**180**	290	**170**	280	< 280	280	< 8200	8,200	**260**	270	**200**	280	< 320	320	**140**	270	**3,300**	5,800
Benzo(k)fluoranthene	800	3,900	**180**	260	**270**	260	< 270	270	**560**	250	< 260	260	**1,300**	280	< 260	260	< 330	330	**340**	260	**1,300**	300	**330**	260	**290**	290	**210**	280	< 280	280	**4,700**	8,200	**350**	270	**300**	280	< 320	320	**210**	270	**4,100**	5,800
Benzoic acid			< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 2000	2,000	< 1800	1,800	< 2400	2,400	< 1900	1,900	< 2200	2,200	< 1900	1,900	< 2100	2,100	< 2000	2,000	< 2000	2,000	< 58000	58,000	< 1900	1,900	< 2000	2,000	< 2300	2,300	< 1900	1,900	< 41000	41,000
Benzyl butyl phthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Bis(2-chloroethoxy)methane			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Bis(2-chloroethyl)ether			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Bis(2-chloroisopropyl)ether			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Bis(2-ethylhexyl)phthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	**250**	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Carbazole			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	**390**	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Chrysene	1,000	3,900	**260**	260	**430**	260	< 270	270	**800**	250	< 260	260	**2,300**	280	< 260	260	< 330	330	**530**	260	**2,000**	300	**570**	260	**360**	290	**250**	280	**160**	280	**8,200**	8,200	**550**	270	**390**	280	< 320	320	**280**	270	**6,300**	5,800
Dibenz(a,h)anthracene	330	330	< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	**270**	200	< 180	180	< 240	240	< 190	190	**220**	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Dibenzofuran	7,000	59,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	**290**	300	< 260	260	< 290	290	< 280	280	< 280	280	< 7000	7,000	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Diethyl phthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Dimethylphthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Di-n-butylphthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Di-n-octylphthalate			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Fluoranthene	100,000	100,000	**520**	260	**740**	260	< 270	270	**1,400**	250	< 260	260	**4,500**	280	< 260	260	< 330	330	**880**	260	**5,100**	300	**1,200**	260	**770**	290	**360**	280	**290**	280	**22,000**	8,200	**1,100**	270	**940**	280	< 320	320	**480**	270	**16,000**	5,800
Fluorene	30,000	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	**200**	280	< 260	260	< 330	330	< 260	260	**430**	300	< 260	260	< 290	290	**150**	280	< 280	280	**4,500**	8,200	< 270	270	< 280	280	< 320	320	< 270	270	**2,700**	5,800
Hexachlorobenzene			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Hexachlorobutadiene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Hexachlorocyclopentadiene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Hexachloroethane			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Indeno(1,2,3-cd)pyrene	500	500	**130**	260	**230**	260	< 270	270	**570**	250	< 260	260	**1,100**	280	< 260	260	< 330	330	**290**	260	**1,200**	300	**290**	260	**200**	290	**180**	280	< 280	280	**3,700**	3,500	**260**	270	**220**	280	< 320	320	**150**	270	**3,500**	5,800
Isophorone			< 180	180	< 180	180	< 190	190	< 180	180	**280**	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
Naphthalene	12,000	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	**350**	300	< 260	260	**410**	290	**3,200**	280	**140**	280	**970,000**	82,000	**500**	270	< 280	280	< 320	320	< 270	270	**440,000**	58,000
Nitrobenzene			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
N-Nitrosodimethylamine			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
N-Nitrosodi-n-propylamine			< 180	180	< 180	180	< 190	190	< 180	180	< 180	180	< 200	200	< 180	180	< 240	240	< 190	190	< 220	220	< 190	190	< 210	210	< 200	200	< 200	200	< 5800	5,800	< 190	190	< 200	200	< 230	230	< 190	190	< 4100	4,100
N-Nitrosodiphenylamine			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Pentachloronitrobenzene			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Pentachlorophenol	800	6,700	< 220	220	< 220	220	< 230	230	< 220	220	< 220	220	< 240	240	< 220	220	< 280	280	< 230	230	< 260	260	< 220	220	< 250	250	< 240	240	< 240	240	< 7000	7,000	< 230	230	< 240	240	< 270	270	< 230	230	< 5000	5,000
Phenanthrene	100,000	100,000	**430**	260	**580**	260	< 270	270	**610**	250	< 260	260	**3,000**	280	< 260	260	< 330	330	**500**	260	**4,300**	300	**900**	260	**330**	290	**620**	280	**330**	280	**20,000**	8,200	**1,000**	270	**650**	280	< 320	320	**460**	270	**13,000**	5,800
Phenol	330	100,000	< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800
Pyrene	100,000	100,000	**510**	260	**720**	260	< 270	270	**1,200**	250	< 260	260	**5,400**	280	< 260	260	< 330	330	**890**	260	**5,000**	300	**1,000**	260	**860**	290	**500**	280	**310**	280	**21,000**	8,200	**1,200**	270	**900**	280	< 320	320	**680**	270	**16,000**	5,800
Pyridine			< 260	260	< 260	260	< 270	270	< 250	250	< 260	260	< 280	280	< 260	260	< 330	330	< 260	260	< 300	300	< 260	260	< 290	290	< 280	280	< 280	280	< 8200	8,200	< 270	270	< 280	280	< 320	320	< 270	270	< 5800	5,800

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
101 Lincoln Avenue,
Bronx, 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*	16SB1		16SB2		16SB3		16SB4		16SB5		16SB7		16SB8		16SB9		16SB10		16SB16		Duplicate	
			(2-4')		(2-4')		(2-4')		(2-4')		(7-9')		(7-9')		(7-9')		(7-9')		(7-9')		(2-4')			
			8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/18/2016		8/19/2016	
			mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			8,780	35	3,810	39	2,140	3.9	7,620	34	7,750	39	4,440	40	6,610	36	7,520	43	10,400	41	7,170	44	3,600	34
Antimony			< 1.8	1.8	2.3	1.9	< 2.0	2.0	< 1.7	1.7	< 1.9	1.9	7	2.0	< 1.8	1.8	< 2.2	2.2	< 2.0	2.0	< 2.2	2.2	< 1.7	1.7
Arsenic	13	16	3.65	0.70	12	0.78	10.6	0.79	4.08	0.69	4.01	0.77	6.17	0.80	2.44	0.72	3.65	0.86	4.31	0.81	6.36	0.88	10.1	0.68
Barium	350	350	91.9	0.7	84.3	0.8	153	0.8	87.6	0.7	54.2	0.8	60.9	0.8	27.8	0.7	25.6	0.9	39.8	0.8	58	0.9	75.9	0.7
Beryllium	7.2	14	0.56	0.28	0.41	0.31	0.35	0.31	0.41	0.27	0.43	0.31	0.39	0.32	0.35	0.29	0.39	0.34	0.58	0.32	0.44	0.35	0.44	0.27
Cadmium	2.5	2.5	0.52	0.35	0.44	0.39	< 0.39	0.39	0.54	0.34	< 0.39	0.39	< 0.40	0.40	< 0.36	0.36	< 0.43	0.43	0.43	0.41	0.91	0.44	0.4	0.34
Calcium			2,990	3.5	5,500	3.9	2,530	3.9	23,000	34	31,800	39	3,390	4.0	1,370	3.6	3,110	4.3	19,900	41	14,800	44	6,870	3.4
Chromium	30	180	20.6	0.35	11.1	0.39	11	0.39	15.5	0.34	15.4	0.39	11	0.40	11.2	0.36	13	0.43	15.4	0.41	15.8	0.44	11.9	0.34
Cobalt			10.1	0.35	6.11	0.39	6.74	0.39	5.86	0.34	5.07	0.39	6.06	0.40	5.17	0.36	4.8	0.43	6.55	0.41	6.33	0.44	6.76	0.34
Copper	50	270	55.1	0.35	43.6	0.39	25.6	0.39	26.8	0.34	25.4	0.39	49.7	0.40	10.9	0.36	9.74	0.43	18.1	0.41	335	4.4	40.5	0.34
Iron			22,800	35	16,300	39	9,370	3.9	15,800	34	14,300	39	19,500	40	15,200	36	16,300	43	17,800	41	17,600	44	15,000	34
Lead	63	400	361	7.0	307	7.8	38.9	0.8	106	0.7	61.2	0.8	893	8.0	4.3	0.7	5.8	0.9	39.4	0.8	201	8.8	195	6.8
Magnesium			4,990	3.5	2,010	3.9	794	3.9	12,600	34	4,280	3.9	1,900	4.0	2,600	3.6	2,660	4.3	7,870	41	5,170	4.4	2,370	3.4
Manganese	1,600	2,000	385	3.5	125	0.39	109	0.39	281	3.4	232	3.9	222	4.0	186	3.6	126	0.43	403	4.1	140	0.44	127	0.34
Mercury	0.18	0.81	0.39	0.03	0.17	0.03	0.05	0.03	0.2	0.03	0.49	0.03	0.45	0.03	< 0.03	0.03	< 0.04	0.04	0.21	0.03	1.17	0.04	3.6	0.26
Nickel	30	140	33.9	0.35	18.6	0.39	14.7	0.39	12	0.34	11.7	0.39	16.5	0.40	9.53	0.36	10.4	0.43	14.1	0.41	15.2	0.44	23.7	0.34
Potassium			2,960	7	725	8	641	8	1,870	7	1,600	8	852	8	1,160	7	890	9	1,310	8	1,550	9	670	7
Selenium	3.9	36	< 1.4	1.4	1.5	1.6	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.7	1.7	< 1.6	1.6	< 1.8	1.8	< 1.4	1.4
Silver	2	36	< 0.35	0.35	< 0.39	0.39	< 0.39	0.39	< 0.34	0.34	< 0.39	0.39	< 0.40	0.40	< 0.36	0.36	< 0.43	0.43	< 0.41	0.41	< 0.44	0.44	< 0.34	0.34
Sodium			945	7	181	8	220	8	949	7	562	8	262	8	249	7	241	9	288	8	2,440	9	179	7
Thallium			< 1.4	1.4	< 1.6	1.6	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.7	1.7	< 1.6	1.6	< 1.8	1.8	< 1.4	1.4
Vanadium			31	0.35	18.2	0.39	16.6	0.39	24.8	0.34	16.4	0.39	19.1	0.40	18.5	0.36	17.2	0.43	18.1	0.41	23.4	0.44	17.4	0.34
Zinc	109	2,200	195	7.0	79.3	0.8	94.1	0.8	173	6.9	96.5	0.8	117	0.8	28.2	0.7	31.4	0.9	51.1	0.8	337	8.8	71.3	0.7

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 4
101 Lincoln Avenue,
Bronx, New York
Groundwater Analytical Results
Unfiltered Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW5		MW6		Duplicate	
		9/14/2016		9/14/2016		9/14/2016		9/14/2016		9/14/2016	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2,4-Dichlorophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2,4-Dimethylphenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 130	130	< 1.0	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
2,6-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
2-Chloronaphthalene	10	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
2-Chlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2-Methylnaphthalene		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	**12**	25	< 5.0	5.0
2-Methylphenol (o-cresol)	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
2-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 130	130	< 5.0	5.0
2-Nitrophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 50	50	< 5.0	5.0
3-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 130	130	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 130	130	< 1.0	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
4-Chloroaniline	5	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	< 50	50	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
4-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 130	130	< 5.0	5.0
4-Nitrophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 130	130	< 1.0	1.0
Acetophenone		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Aniline	5	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	< 130	130	< 3.5	3.5
Anthracene	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Benzidine	5	< 4.5	4.5	< 4.7	4.7	< 4.5	4.5	< 50	50	< 4.5	4.5
Benzoic acid		< 25	25	< 26	26	< 25	25	< 130	130	< 25	25
Benzyl butyl phthalate	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Carbazole		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 130	130	< 5.0	5.0
Dibenzofuran		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Diethyl phthalate	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Dimethylphthalate	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Di-n-butylphthalate	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Di-n-octylphthalate	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Fluoranthene	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	**18**	25	< 5.0	5.0
Fluorene	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Hexachlorobutadiene	0.5	< 0.40	0.40	< 0.42	0.42	< 0.40	0.40	< 25	25	< 0.40	0.40
Hexachlorocyclopentadiene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0
Isophorone	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**240**	25	< 5.0	5.0
Nitrobenzene	0.4	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 25	25	< 0.10	0.10
N-Nitrosodimethylamine		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 25	25	< 0.10	0.10
N-Nitrosodi-n-propylamine		< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
N-Nitrosodiphenylamine	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Phenol	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
Pyrene	50	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	**19**	25	< 5.0	5.0
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	< 0.52	0.52	< 0.50	0.50	< 25	25	< 0.50	0.50
Acenaphthene	20	< 5.0	5.0	< 5.2	5.2	< 5.0	5.0	< 25	25	< 5.0	5.0
Acenaphthylene		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 25	25	< 0.10	0.10
Benz(a)anthracene	0.002	**0.04**	0.02	< 0.02	0.02	**0.03**	0.02	< 25	25	< 0.02	0.02
Benzo(a)pyrene		**0.04**	0.02	< 0.02	0.02	**0.03**	0.02	< 25	25	< 0.02	0.02
Benzo(b)fluoranthene	0.002	**0.03**	0.02	< 0.02	0.02	**0.02**	0.02	< 25	25	< 0.02	0.02
Benzo(ghi)perylene		**0.03**	0.02	< 0.02	0.02	**0.02**	0.02	< 25	25	**0.04**	0.02
Benzo(k)fluoranthene	0.002	**0.03**	0.02	< 0.02	0.02	< 0.02	0.02	< 25	25	< 0.02	0.02
Bis(2-ethylhexyl)phthalate	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 25	25	< 1.0	1.0
Chrysene	0.002	**0.03**	0.02	< 0.02	0.02	**0.02**	0.02	< 25	25	< 0.02	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 25	25	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 25	25	< 0.02	0.02
Hexachloroethane	5	< 0.50	0.50	< 0.52	0.52	< 0.50	0.50	< 25	25	< 0.50	0.50
Indeno(1,2,3-cd)pyrene	0.002	**0.02**	0.02	< 0.02	0.02	< 0.02	0.02	< 25	25	< 0.02	0.02
Pentachloronitrobenzene		< 0.10	0.10	< 0.10	0.10	< 0.10	0.10	< 25	25	< 0.10	0.10
Pentachlorophenol	1	< 0.80	0.80	< 0.83	0.83	< 0.80	0.80	< 25	25	< 0.80	0.80
Phenanthrene	50	**0.27**	0.10	< 0.10	0.10	< 0.10	0.10	**11**	25	< 0.10	0.10
Pyridine	50	< 10	10	< 10	10	< 10	10	< 25	25	< 10	10

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 5
101 Lincoln Avenue,
Bronx, New York
Groundwater Analytical Results
Filtered Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW5		MW6		Duplicate	
		9/14/2016		9/14/2016		9/14/2016		9/14/2016		9/14/2016	
		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
1,2-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4-Dichlorophenol		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4-Dimethylphenol		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
2,6-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
2-Chloronaphthalene	10	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
2-Chlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2-Methylnaphthalene		< 5.0	5.0	< 5.0	5.0	< 10	10	**5.9**	5.0	< 5.0	5.0
2-Methylphenol (o-cresol)	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
2-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
2-Nitrophenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
3-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
4-Chloro-3-methylphenol	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
4-Chloroaniline	5	< 3.5	3.5	< 3.5	3.5	< 5	5	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
4-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
4-Nitrophenol		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
Acetophenone		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Aniline	5	< 3.5	3.5	< 3.5	3.5	< 7.0	7.0	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Benzidine	5	< 4.5	4.5	< 4.5	4.5	< 9.0	9.0	< 4.5	4.5	< 4.5	4.5
Benzoic acid		**11**	25	< 25	25	< 50	50	< 25	25	< 25	25
Benzyl butyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Carbazole		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Dibenzofuran		< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
Diethyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Dimethylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Di-n-butylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Di-n-octylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Fluoranthene	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Fluorene	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Hexachlorobutadiene	0.5	< 0.40	0.40	< 0.42	0.42	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Hexachlorocyclopentadiene	5	< 5.0	5.0	< 5.0	5.0	< 5	5	< 5.0	5.0	< 5.0	5.0
Isophorone	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5	5	**93**	5.0	< 5.0	5.0
Nitrobenzene	0.4	< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
N-Nitrosodimethylamine		< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
N-Nitrosodi-n-propylamine		< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
N-Nitrosodiphenylamine	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Phenol	50	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0
Pyrene	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	< 0.53	0.53	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Acenaphthene	20	< 5.0	5.0	< 5.0	5.0	< 10	10	**2.1**	5.0	< 5.0	5.0
Acenaphthylene		< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Benz(a)anthracene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(a)pyrene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(ghi)perylene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Bis(2-ethylhexyl)phthalate	5	< 1.0	1.0	< 1.1	1.1	**70**	10	< 1.0	1.0	**13**	5.0
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachloroethane	5	< 0.50	0.50	< 0.53	0.53	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Pentachloronitrobenzene		< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	< 0.10	0.10	< 0.10	0.10
Pentachlorophenol	1	< 0.80	0.80	< 0.84	0.84	< 0.80	0.80	< 0.80	0.80	< 0.80	0.80
Phenanthrene	50	< 0.10	0.10	< 0.11	0.11	< 0.10	0.10	**0.4**	0.10	< 0.10	0.10
Pyridine	50	< 10	10	< 10	10	< 20	20	< 10	10	< 10	10

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard