

FORMER BOYLE AUTO WRECKERS SITE

1346 BLONDELL AVENUE, BRONX, NY

Block 4133 Lot 12, Block 4134 Lots 1, 2, 4, 62, 63 & 70

NEW YORK STATE BROWNFIELD CLEANUP PROGRAM DATA SUMMARY



**Department of
Environmental
Conservation**

**New York State Department of Environmental Conservation
Brownfields and Voluntary Cleanup Section
625 Broadway, 11th floor
Albany, NY 12233-7015**

October 2016

Program Requestor:

Exact Capital Group LLC
477 Madison Avenue, 6th Floor
New York, NY 10022

Prepared By:



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
Ridge, NY 11961

FIGURES



USGS Central Park Quadrangle 1995, Contour Interval = 10 feet



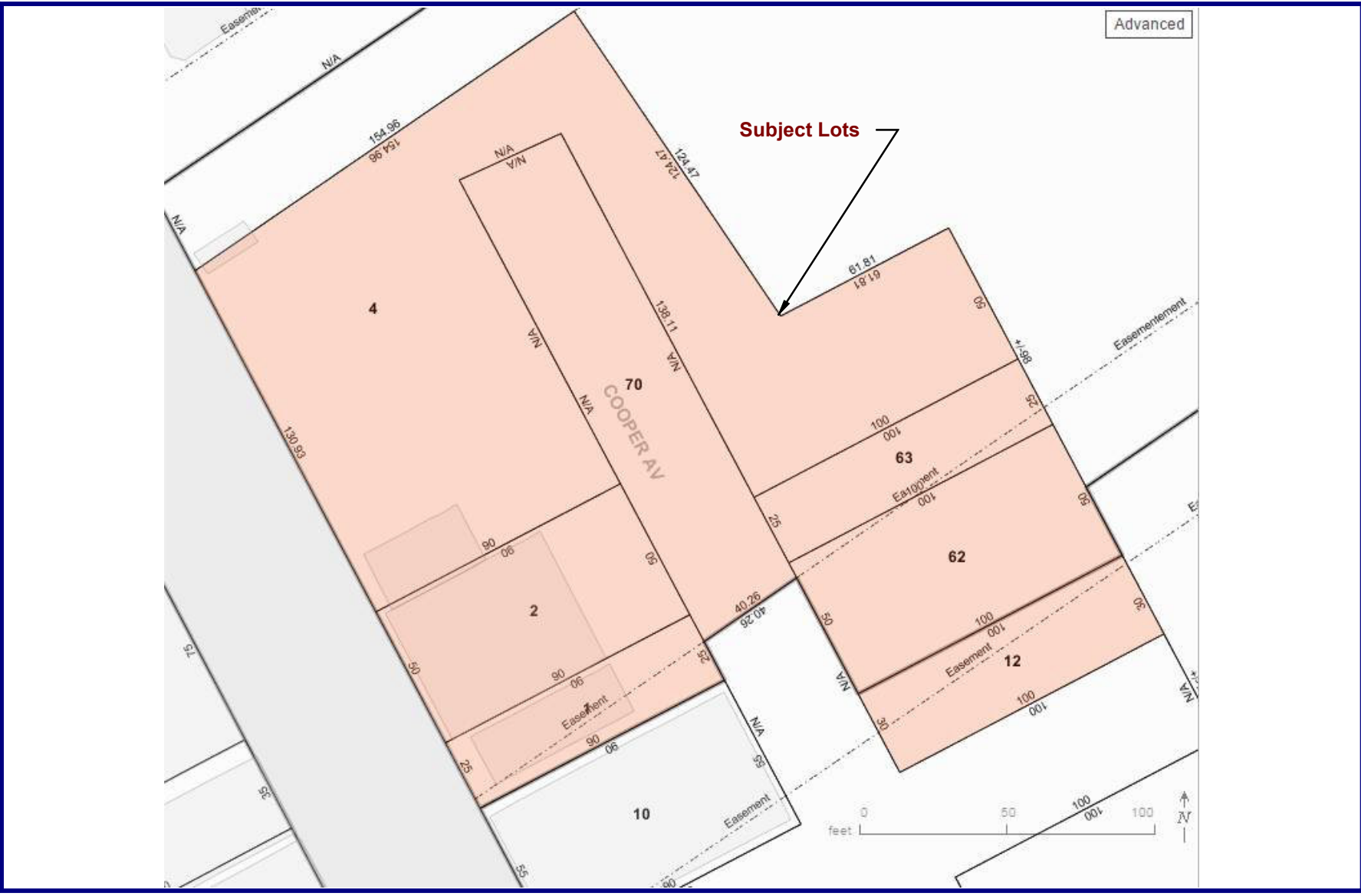
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
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Former Boyle Auto Wreckers Site
1346 Blondell Avenue, Bronx NY

FIGURE 1

SITE LOCATION MAP



Advanced

Subject Lots



ENVIRONMENTAL BUSINESS CONSULTANTS

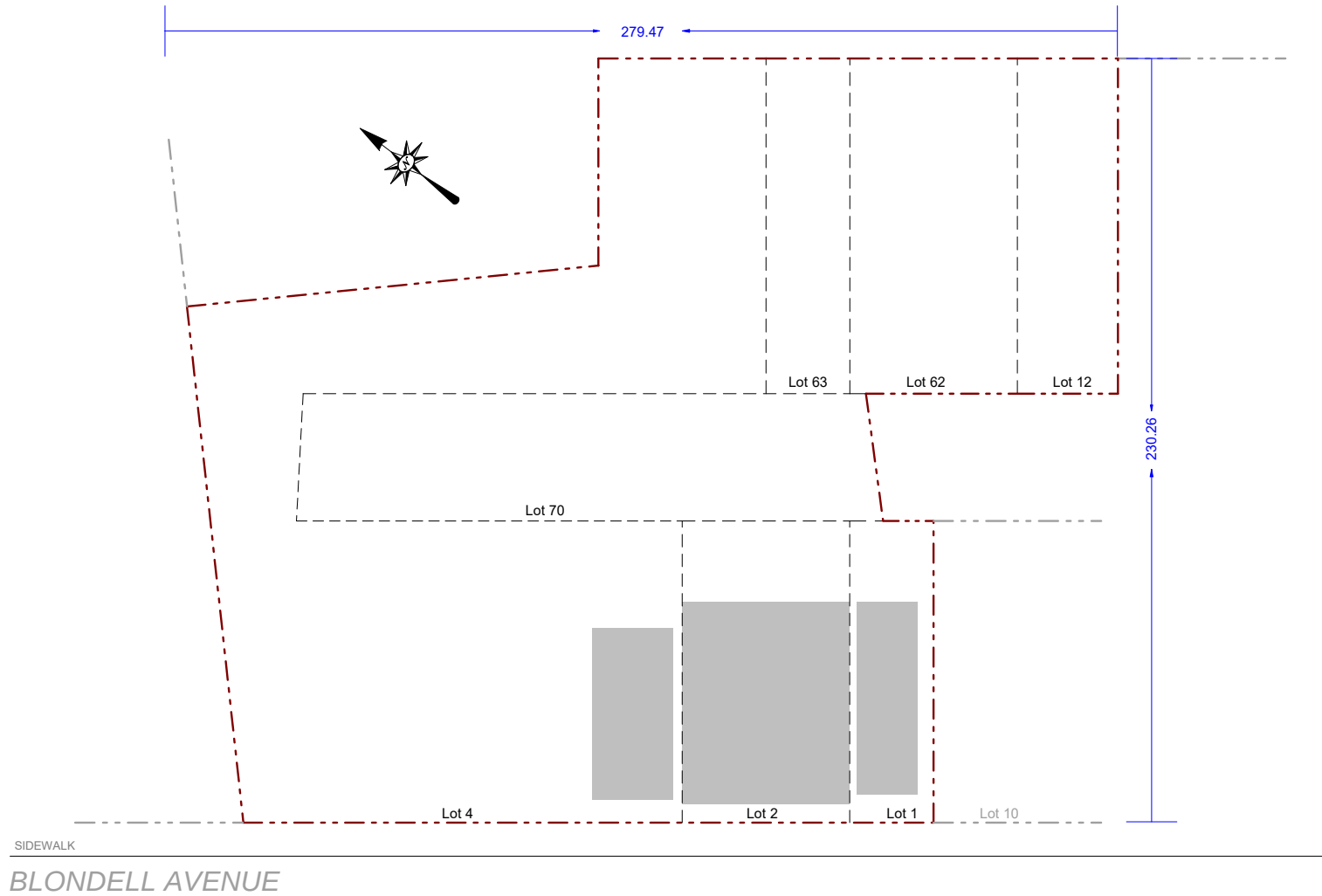
1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

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FORMER BOYLE AUTO WRECKING, INC.
1346 BLONDELL AVENUE, BRONX, NY

FIGURE 2 NYC TAX MAP



KEY:
 Property Boundary

SCALE:

 Scale: 1 inch = 50 feet

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Figure No.
3

Site Name:	FORMER BOYLE AUTO WRECKERS SITE
Site Address:	1346 BLONDELL AVENUE, BRONX NY
Drawing Title:	SITE PLAN MAP

B1 (0-2') 05/26/2016	
PCBs (µg/Kg)	
PCB-1254	210
Metals (mg/Kg)	
Chromium	34.8
Lead	700
Mercury	0.25

B1 (4'-5') 05/26/2016	
VOCs (µg/Kg)	
1,2,4-Trimethylbenzene	4,000
Acetone	360
Benzene	480
m&p-Xylenes	3,000
o-Xylene	480
Toluene	1,200
SVOCs (µg/Kg)	
Benz(a)anthracene	8,800
Benzo(a)pyrene	6,100
Benzo(b)fluoranthene	5,300
Benzo(k)fluoranthene	6,200
Chrysene	8,300
Indeno(1,2,3-cd)pyrene	3,300

B2 (0-2') 05/26/2016	
Metals (mg/Kg)	
Lead	104

B2 (1'-3') 05/26/2016	
VOCs (µg/Kg)	
1,2,4-Trimethylbenzene	3,900
Benzene	860
Ethylbenzene	11,000
m&p-Xylenes	8,000
Naphthalene	46,000
n-Propylbenzene	9,100
o-Xylene	870
Toluene	7,500
SVOCs (µg/Kg)	
Chrysene	1000
Naphthalene	22,000

B3 (3'-5') 05/26/2016	
VOCs (µg/Kg)	
Acetone	440
Benzene	430
m&p-Xylenes	1,800
o-Xylene	630
Toluene	790

B5 (0-2') 05/26/2016	
VOCs (µg/Kg)	
1,2,4-Trimethylbenzene	6,300
m&p-Xylenes	1,300
Naphthalene	13,000
o-Xylene	1,300
SVOCs (µg/Kg)	
Benz(a)anthracene	38,000
Benzo(a)pyrene	37,000
Benzo(b)fluoranthene	36,000
Benzo(k)fluoranthene	34,000
Chrysene	40,000
Dibenz(a,h)anthracene	5,400
Indeno(1,2,3-cd)pyrene	24,000

B5 (5'-7') 05/26/2016	
VOCs (µg/Kg)	
Acetone	62
SVOCs (µg/Kg)	
Benz(a)anthracene	3,600
Benzo(a)pyrene	2,900
Benzo(b)fluoranthene	2,700
Benzo(k)fluoranthene	2,500
Chrysene	3,500
Indeno(1,2,3-cd)pyrene	1,600

B10 (0-2') 05/26/2016	
Metals (mg/Kg)	
Lead	111

B6 (1'-3') 05/26/2016	
PCBs (µg/Kg)	
PCB-1260	110
Metals (mg/Kg)	
Lead	210
Mercury	0.19

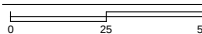
B4 (0-2') 05/26/2016	
Metals (mg/Kg)	
Lead	103

B4 (3'-5') 05/26/2016	
VOCs (µg/Kg)	
Acetone	68

SIDEWALK

BLONDELL AVENUE

KEY:
 Property Boundary
 Soil Boring Locations

SCALE:

 Scale: 1 inch = 50 feet

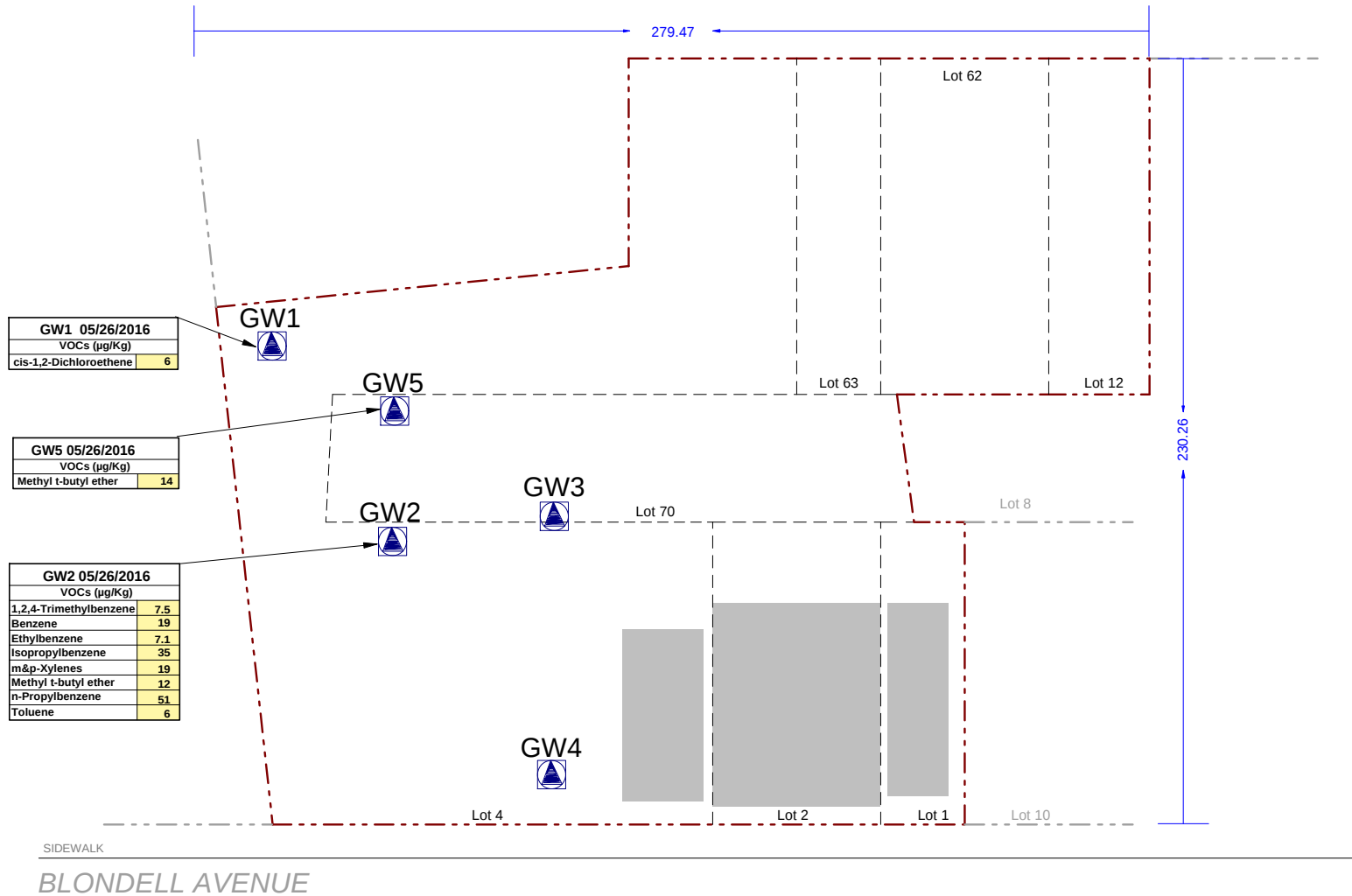
 Detections Above Unrestricted Use SCOs
 Detections Above Restricted Residential Use SCOs

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Figure No.
4

Site Name: **FORMER BOYLE AUTO WRECKERS SITE**
 Site Address: **1346 BLONDELL AVENUE, BRONX NY**
 Drawing Title: **SOIL RESULTS ABOVE SCOs (MAY 2016)**



SUMMARY TABLES

Table 1
Soil Analytical Results
Volatile Organic Compounds and Semi-Volatile Organic Compounds

								BN43061 5/26/2016 B1 (4-5 FT) Solid		BN43062 5/26/2016 B2 (1-3 FT) Solid		BN43063 5/26/2016 B3 (3-5 FT) Solid		BN43064 5/26/2016 B4 (3-5 FT) Solid		BN43065 5/26/2016 B5 (0-2 FT) Solid		BN43066 5/26/2016 B5 (5-7 FT) Solid		BN43067 5/26/2016 B10 (6-8 FT) Solid							
Lab Sample Id Collection Date Client Id Matrix								Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL						
Project Id : 1346 BLONDELL AVE BRONX																											
CAS																											
Units																											
NY-GWP																											
NY-Res.																											
NY-ResRestrict																											
NY-UnRestricted																											
PHNX - PCTSOLID								86		92		87		86		95		84		81							
Miscellaneous/Inorganics																											
Percent Solid																											
Volatiles By SW8260C																											
1,1,1-Trichloroethane								71-55-6	ug/Kg	680	100,000	100,000	680	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,1,2,2-Tetrachloroethane								79-34-5	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,1,2-Trichloroethane								79-00-5	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,1-Dichloroethane								75-34-3	ug/Kg	270	19,000	26,000	270	< 270	270	< 220	220	< 270	270	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,1-Dichloroethene								75-35-4	ug/Kg	330	100,000	100,000	330	< 330	330	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,1-Dichloropropene								563-58-6	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2,3-Trichlorobenzene								87-61-6	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2,3-Trichloropropane								96-18-4	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2,4-Trichlorobenzene								120-82-1	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2,4-Trimethylbenzene								95-63-6	ug/Kg	3,600	47,000	52,000	3,600	4,000	350	3,900	220	720	330	230	320	6,300	200	1.8	5.9	< 4.2	4.2
1,2-Dibromo-3-chloropropane								96-12-8	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2-Dibromoethane								106-93-4	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2-Dichlorobenzene								95-50-1	ug/Kg	1,100	100,000	100,000	1,100	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,2-Dichloroethane								107-06-2	ug/Kg	20	2,300	3,100	20	< 35	35	< 22	22	< 33	33	< 4.8	4.8	< 20	20	< 5.9	5.9	< 4.2	4.2
1,2-Dichloropropane								78-87-5	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,3,5-Trimethylbenzene								108-67-8	ug/Kg	8,400	47,000	52,000	8,400	2,000	350	740	220	350	330	47	320	2,600	200	1.2	5.9	< 4.2	4.2
1,3-Dichlorobenzene								541-73-1	ug/Kg	2,400	17,000	49,000	2,400	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,3-Dichloropropane								142-28-9	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,4-Dichlorobenzene								106-46-7	ug/Kg	1,800	9,800	13,000	1,800	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
1,4-dioxane								123-91-1	ug/Kg	100	9,800	13,000	100	< 7100	7,100	< 4400	4,400	< 6500	6,500	< 95	95	< 4000	4,000	< 100	100	< 84	84
2,2-Dichloropropane								594-20-7	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
2-Chlorotoluene								95-49-8	ug/Kg					< 350	350	< 220	220	110	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
2-Hexanone								591-78-6	ug/Kg					< 1800	1,800	< 1100	1,100	< 1600	1,600	< 24	24	< 1000	1,000	< 29	29	< 21	21
2-Isopropyltoluene								527-84-4	ug/Kg					58	350	1,500	220	< 330	330	0.96	4.8	120	200	0.92	5.9	< 4.2	4.2
4-Chlorotoluene								106-43-4	ug/Kg					< 350	350	< 220	220	49	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
4-Methyl-2-pentanone								108-10-1	ug/Kg					< 1800	1,800	< 1100	1,100	< 1600	1,600	< 24	24	< 1000	1,000	< 29	29	< 21	21
Acetone								67-64-1	ug/Kg	50	100,000	100,000	50	360	3,500	< 220	220	440	3,200	68	48	< 200	200	62	50	40	42
Benzene								71-43-2	ug/Kg	60	2,900	4,800	60	480	350	860	220	430	330	< 4.8	4.8	21	60	< 5.9	5.9	< 4.2	4.2
Bromobenzene								108-86-1	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Bromochloromethane								74-97-5	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Bromodichloromethane								75-27-4	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Bromoform								75-25-2	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Bromomethane								74-83-9	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Carbon Disulfide								75-15-0	ug/Kg					< 350	350	< 220	220	< 330	330	3.5	4.8	< 200	200	1.7	5.9	1.5	4.2
Carbon tetrachloride								56-23-5	ug/Kg	760	1,400	2,400	760	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Chlorobenzene								108-90-7	ug/Kg	1,100	100,000	100,000	1,100	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Chloroethane								75-00-3	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Chloroform								67-66-3	ug/Kg	370	10,000	49,000	370	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Chloromethane								74-87-3	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
cis-1,2-Dichloroethene								156-59-2	ug/Kg	250	59,000	100,000	250	< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
cis-1,3-Dichloropropene								10061-01-5	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Dibromochloromethane								124-48-1	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Dibromomethane								74-95-3	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.8	< 200	200	< 5.9	5.9	< 4.2	4.2
Dichlorodifluoromethane								75-71-8	ug/Kg					< 350	350	< 220	220	< 330	330	< 4.8	4.						

Table 2
Soil Analytical Results
Total Metals, PCBs Pesticides

							BN43073 5/26/2016 B1 (0-2) Solid		BN43074 5/26/2016 B2 (0-2) Solid		BN43075 5/26/2016 B4 (0-2) Solid		BN43076 5/26/2016 B6 (1-3) Solid		BN43077 5/26/2016 B10 (0-2) Solid	
Project Id : 1346 BLONDELL AVE BRONX							Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
CAS	Units	NY-GWP	NY-Res.	NY-ResRestrict	NY-UnRestricted											
Miscellaneous/Inorganics																
Percent Solid	PHNX - PCTSOLID	%					87		93		93		91		93	
Metals, Total																
Arsenic	7440-38-2	mg/Kg	16	16	16	13	6.7	0.8	4.5	0.7	3.6	0.7	5.8	0.7	4.4	0.7
Barium	7440-39-3	mg/Kg	820	350	400	350	268	0.8	77.1	0.7	96.9	0.7	159	0.7	92.5	0.7
Cadmium	7440-43-9	mg/Kg	7.5	2.5	4.3	2.5	2.3	0.39	1.19	0.34	0.74	0.36	0.87	0.33	0.97	0.35
Chromium	7440-47-3	mg/Kg				30	34.8	0.39	22.1	0.34	22.3	0.36	23	0.33	23.1	0.35
Lead	7439-92-1	mg/Kg	450	400	400	63	700	7.8	104	0.7	103	0.7	210	6.5	111	0.7
Mercury	7439-97-6	mg/Kg	0.73	0.81	0.81	0.18	0.25	0.03	0.05	0.03	0.06	0.03	0.19	0.03	0.09	0.03
Selenium	7782-49-2	mg/Kg	4	36	180	3.9	< 1.6	1.6	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4
Silver	7440-22-4	mg/Kg	8.3	36	180	2	< 0.39	0.39	< 0.34	0.34	< 0.36	0.36	< 0.33	0.33	< 0.35	0.35
PCBs By SW8082A																
PCB-1016	12674-11-2	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1221	11104-28-2	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1232	11141-16-5	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1242	53469-21-9	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1248	12672-29-6	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1254	11097-69-1	ug/Kg		1,000		100	210	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1260	11096-82-5	ug/Kg		1,000		100	< 75	75	< 70	70	< 71	71	110	72	< 71	71
PCB-1262	37324-23-5	ug/Kg					< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
PCB-1268	11100-14-4	ug/Kg					< 75	75	< 70	70	< 71	71	< 72	72	< 71	71
Pesticides - Soil By SW8081B																
4,4' -DDD	72-54-8	ug/Kg	14,000	2,600	13,000	3.3	< 2.3	2.3	< 2.8	2.8	< 2.1	2.1	< 3.0	3.0	< 21	21
4,4' -DDE	72-55-9	ug/Kg	17,000	1,800	8,900	3.3	< 4.0	4.0	< 2.1	2.1	< 2.1	2.1	< 5.0	5.0	< 21	21
4,4' -DDT	50-29-3	ug/Kg	136,000	1,700	7,900	3.3	< 15	15	< 2.1	2.1	< 3.0	3.0	< 10	10	< 21	21
a-BHC	319-84-6	ug/Kg	20	97	480	20	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 18	18
a-Chlordane	5103-71-9	ug/Kg	2,900	910	4,200	94	< 3.8	3.8	< 3.5	3.5	< 5.0	5.0	< 3.6	3.6	< 36	36
Aldrin	309-00-2	ug/Kg	190	19	97	5	< 3.8	3.8	< 3.5	3.5	< 3.5	3.5	< 3.6	3.6	< 18	18
b-BHC	319-85-7	ug/Kg	90	72	360	36	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 18	18
Chlordane	57-74-9	ug/Kg					< 38	38	< 35	35	< 200	200	< 36	36	< 360	360
d-BHC	319-86-8	ug/Kg	250	100,000	100,000	40	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 18	18
Dieldrin	60-57-1	ug/Kg	100	39	200	5	< 5.0	5.0	< 3.5	3.5	< 3.5	3.5	< 3.6	3.6	< 11	11
Endosulfan I	959-98-8	ug/Kg	102,000	4,800	24,000	2,400	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 71	71
Endosulfan II	33213-65-9	ug/Kg	102,000	4,800	24,000	2,400	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 71	71
Endosulfan sulfate	1031-07-8	ug/Kg	1,000,000	4,800	24,000	2,400	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 71	71
Endrin	72-20-8	ug/Kg	60	2,200	11,000	14	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 36	36
Endrin aldehyde	7421-93-4	ug/Kg					< 10	10	< 15	15	< 7.1	7.1	< 7.2	7.2	< 71	71
Endrin ketone	53494-70-5	ug/Kg					< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 71	71
g-BHC	58-89-9	ug/Kg	100	280	1,300	100	< 1.5	1.5	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 14	14
g-Chlordane	5103-74-2	ug/Kg					< 3.8	3.8	< 10	10	< 10	10	< 3.6	3.6	< 36	36
Heptachlor	76-44-8	ug/Kg	380	420	2,100	42	< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 36	36
Heptachlor epoxide	1024-57-3	ug/Kg					< 7.5	7.5	< 7.0	7.0	< 7.1	7.1	< 7.2	7.2	< 71	71
Methoxychlor	72-43-5	ug/Kg					< 38	38	< 35	35	< 35	35	< 36	36	< 360	360
Toxaphene	8001-35-2	ug/Kg					< 150	150	< 140	140	< 140	140	< 140	140	< 1400	1,400

Result Detected
Result Exceeds Criteria



Table 3
Groundwater Analytical Results
Volatile Organic Compounds

					BN43068 5/26/2016 GW 1 Ground Water		BN43069 5/26/2016 GW 2 Ground Water		BN43070 5/26/2016 GW 3 Ground Water		BN43071 5/26/2016 GW 4 Ground Water		BN43072 5/26/2016 GW 5 Ground Water	
Project Id : 1346 BLONDELL AVE BRONX					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
CAS	Units	TAGM-GW	TOGS-WQ/GA											
Volatiles By SW8260C														
1,1,1,2-Tetrachloroethane	630-20-6	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1,2-Trichloroethane	79-00-5	ug/L		1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	75-35-4	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,1-Dichloropropene	563-58-6	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichlorobenzene	87-61-6	ug/L			< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,3-Trichloropropane	96-18-4	ug/L	5	0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,4-Trichlorobenzene	120-82-1	ug/L			< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2,4-Trimethylbenzene	95-63-6	ug/L		5	0.36	1.0	7.5	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L		0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dibromopropane	106-93-4	ug/L		0.0006	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dichlorobenzene	95-50-1	ug/L	4.7		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,2-Dichloroethane	107-06-2	ug/L	5	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.6	0.6
1,2-Dichloropropane	78-87-5	ug/L		1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L		5	< 1.0	1.0	4.4	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichlorobenzene	541-73-1	ug/L	5	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,3-Dichloropropane	142-28-9	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
1,4-Dichlorobenzene	106-46-7	ug/L	5		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2,2-Dichloropropane	594-20-7	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Chlorotoluene	95-49-8	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
2-Hexanone	591-78-6	ug/L		50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L		5	< 1.0	1.0	1.1	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
4-Chlorotoluene	106-43-4	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
4-Methyl-2-pentanone	108-10-1	ug/L	50		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Acetone	67-64-1	ug/L	50	50	4.1	5.0	7	5.0	2.9	5.0	6.4	5.0	8.8	10
Acrolein	107-02-8	ug/L		5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	107-13-1	ug/L		5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	71-43-2	ug/L	0.7	1	0.28	0.70	19	0.70	< 0.70	0.70	< 0.70	0.70	< 0.7	0.7
Bromobenzene	108-86-1	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromochloromethane	74-97-5	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromodichloromethane	75-27-4	ug/L		50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Bromoform	75-25-2	ug/L		50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10
Bromomethane	74-83-9	ug/L		5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide	75-15-0	ug/L	50		0.3	1.0	0.32	1.0	< 1.0	1.0	0.25	1.0	< 2.0	2.0
Carbon tetrachloride	56-23-5	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Chlorobenzene	108-90-7	ug/L	5	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	75-00-3	ug/L	50	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	67-66-3	ug/L	7	7	< 5.0	5.0	< 5.0	5.0	0.51	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	74-87-3	ug/L		5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	156-59-2	ug/L		5	6	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
cis-1,3-Dichloropropene	10061-01-5	ug/L		0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.4	0.4
Dibromochloromethane	124-48-1	ug/L	50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dibromomethane	74-95-3	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Dichlorodifluoromethane	75-71-8	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Ethylbenzene	100-41-4	ug/L	5	5	< 1.0	1.0	7.1	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Hexachlorobutadiene	87-68-3	ug/L		0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.5	0.5
Isopropylbenzene	98-82-8	ug/L		5	< 1.0	1.0	35	10	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
m&p-Xylene	179601-23-1	ug/L			< 1.0	1.0	19	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Methyl ethyl ketone	78-93-3	ug/L	50	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L			8.1	1.0	12	1.0	1.5	1.0	< 1.0	1.0	14	2.0
Methylene chloride	75-09-2	ug/L	5	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0
Naphthalene	91-20-3	ug/L	5	10	< 1.0	1.0	3.9	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
n-Butylbenzene	104-51-8	ug/L		5	< 1.0	1.0	2	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
n-Propylbenzene	103-65-1	ug/L		5	< 1.0	1.0	51	10	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
o-Xylene	95-47-6	ug/L	5	5	< 1.0	1.0	4.7	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
p-Isopropyltoluene	99-87-6	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	3	2.0
sec-Butylbenzene	135-98-8	ug/L		5	< 1.0	1.0	3.1	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Styrene	100-42-5	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
tert-Butylbenzene	98-06-6	ug/L		5	< 1.0	1.0	0.27	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Tetrachloroethene	127-18-4	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Tetrahydrofuran (THF)	109-99-9	ug/L		50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10
Toluene	108-88-3	ug/L	5	5	< 1.0	1.0	6.4	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	10061-02-6	ug/L		0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.4	0.4
trans-1,4-dichloro-2-butene	110-57-6	ug/L		5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Trichloroethene	79-01-6	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorofluoromethane	75-69-4	ug/L		5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0
Vinyl chloride	75-01-4	ug/L	2	2	0.81	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0

Result Detected
Result Exceeds Criteria

SOIL BORING LOGS

B1 Boring Log

Location: 16' From NW Property Line & 13' From NE Property Line		Depth to Water (ft. from grade.)		Site Elevation Datum		
Site Name: Former Boyle Auto Wreckers Site		Address: 1346 Blondell Avenue, Bronx, NY		Date	DTW	
				Groundwater Depth		Ground Elevation
				Not Detected		
Drilling Company: C ² Environmental		Method: Geoprobe 6712DT		Well Specifications None		
Date Started: 5/26/2016		Date Completed: 5/26/2016				
Completion Depth: 10 Feet		Geologist: Thomas Gallo				

[illegible]

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Geologic Boring Log Details



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B3 Boring Log

Location: 92.5' From NW Property Line & 74.5' From NE Property Line			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Boyle Auto Wreckers Site		Address: 1346 Blondell Avenue, Bronx, NY		Date	DTW	Ground Elevation
				Groundwater Depth		
				Not Detected		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe 6712DT		None		
Date Started: 5/26/2016		Date Completed: 5/26/2016				
Completion Depth: 10 Feet		Geologist: Thomas Gallo				

B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0			0.9	11" - Dark brown/black fine sand with fill
	to	36		3.7	10" - Concrete
	5				10" - Fine black sandy silt (light staining)
	to				5" - Damp brown/black silt
	10	29		0.0	*Retained soil sample (3-5')
					29" - Wet grey/brown clay

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Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: 50' From NW Property Line & 37' From NE Property Line		Depth to Water (ft. from grade.)		Site Elevation Datum		
Site Name: Former Boyle Auto Wreckers Site		Address: 1346 Blondell Avenue, Bronx, NY		Date	DTW	Ground Elevation
				Groundwater Depth		
				Not Detected		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe 6712DT		None		
Date Started: 5/26/2016		Date Completed: 5/26/2016				
Completion Depth: 10 Feet		Geologist: Thomas Gallo				

B5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0			2.6	9" - Black silty sand with fill
	to	28		1.5	6" - Concrete
	5				13" - Grey/black sandy silt with rock
	to	14		5.6	*Retained soil sample (0-2')
	10				7" - Damp grey silt with rock
					7" - Damp grey/brown clay
					*Retained soil sample (5'-7')

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ENVIRONMENTAL BUSINESS CONSULTANTS[illegible]

ENVIRONMENTAL BUSINESS CONSULTANTS[illegible]

ENVIRONMENTAL BUSINESS CONSULTANTS[illegible]

ENVIRONMENTAL BUSINESS CONSULTANTS[illegible]

ENVIRONMENTAL BUSINESS CONSULTANTS[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 5' From NW Property Line & 5' From NE Property Line		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Boyle Auto Wreckers Site		Address: 1346 Blomdell Avenue, Bronx, NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Hand Auger		Groundwater Depth	
Date Started: 5/26/2016		Date Completed: 5/26/2016		Not Detected	
Completion Depth: 1 Feet		Geologist: Thomas Gallo		Well Specifications	
				None	

[illegible]

LABORATORY REPORTS



Tuesday, June 14, 2016

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

Project ID: 1346 BLONDELL AVE BRONX
Sample ID#s: BN43061 - BN43067

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

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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 ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 1346 BLONDELL AVE BRONX
Laboratory Project: GBN43061



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



NY Analytical Services Protocol Format

June 14, 2016

SDG I.D.: GBN43061

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Methodology Summary

Volatiles

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update V, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Semivolatile Organic Compounds

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

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B1 (4-5 FT)	BN43061	SOLID
B2 (1-3 FT)	BN43062	SOLID
B3 (3-5 FT)	BN43063	SOLID
B4 (3-5 FT)	BN43064	SOLID
B5 (0-2 FT)	BN43065	SOLID
B5 (5-7 FT)	BN43066	SOLID
B10 (6-8 FT)	BN43067	SOLID



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NY Analytical Services Protocol Format

June 14, 2016

SDG I.D.: GBN43061

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN43061	1,4-dioxane	05/26/16	05/28/16	05/28/16	JLI	Y
BN43061	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43061	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43061	Semivolatiles	05/26/16	05/27/16	05/27/16	DD	Y
BN43061	Volatiles	05/26/16	05/28/16	05/28/16	JLI	Y
BN43061	Volatiles	05/26/16	05/28/16	05/28/16	JLI	Y
BN43062	1,4-dioxane	05/26/16	05/28/16	05/28/16	JLI	Y
BN43062	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43062	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43062	Semivolatiles	05/26/16	05/27/16	05/31/16	DD	Y
BN43062	Volatiles	05/26/16	05/28/16	05/28/16	JLI	Y
BN43062	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y
BN43063	1,4-dioxane	05/26/16	06/01/16	06/01/16	JLI	Y
BN43063	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43063	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43063	Semivolatiles	05/26/16	05/27/16	05/28/16	DD	Y
BN43063	Volatiles	05/26/16	06/01/16	06/01/16	JLI	Y
BN43063	Volatiles	05/26/16	06/01/16	06/01/16	JLI	Y
BN43064	1,4-dioxane	05/26/16	05/30/16	05/30/16	JLI	Y
BN43064	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43064	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43064	Semivolatiles	05/26/16	05/27/16	05/27/16	DD	Y
BN43064	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y
BN43064	Volatiles	05/26/16	06/01/16	06/01/16	JLI	Y
BN43065	1,4-dioxane	05/26/16	05/28/16	05/28/16	JLI	Y
BN43065	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43065	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43065	Semivolatiles	05/26/16	05/31/16	06/01/16	DD	Y
BN43065	Volatiles	05/26/16	05/28/16	05/28/16	JLI	Y
BN43065	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y
BN43066	1,4-dioxane	05/26/16	05/30/16	05/30/16	JLI	Y
BN43066	Field Extraction	05/26/16	05/26/16	05/26/16		Y



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



NY Analytical Services Protocol Format

June 14, 2016

SDG I.D.: GBN43061

Environmental Business Consultants 1346 BLONDELL AVE BRONX

BN43066	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43066	Semivolatiles	05/26/16	05/27/16	05/27/16	DD	Y
BN43066	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y
BN43066	Volatiles	05/26/16	05/31/16	05/31/16	JLI	Y
BN43067	1,4-dioxane	05/26/16	05/30/16	05/30/16	JLI	Y
BN43067	Field Extraction	05/26/16	05/26/16	05/26/16		Y
BN43067	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43067	Semivolatiles	05/26/16	05/27/16	05/27/16	DD	Y
BN43067	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y
BN43067	Volatiles	05/26/16	05/30/16	05/30/16	JLI	Y



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SDG Comments

June 14, 2016

SDG I.D.: GBN43061

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



Environmental Laboratories, Inc.
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Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43061

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B1 (4-5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethene	ND	330	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloropropene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trimethylbenzene	4000	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromoethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloroethane	ND	35	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloropropane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,3,5-Trimethylbenzene	2000	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichloropropane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
2,2-Dichloropropane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C
2-Chlorotoluene	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C
2-Hexanone	ND	1800	350	ug/Kg	50	05/28/16	JLI	SW8260C

Client ID: B1 (4-5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	58	J 350	35	ug/Kg	50	05/28/16	JLI	SW8260C	1
4-Chlorotoluene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1800	350	ug/Kg	50	05/28/16	JLI	SW8260C	
Acetone	360	JBS 3500	350	ug/Kg	50	05/28/16	JLI	SW8260C	B
Acrylonitrile	ND	710	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Benzene	480	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromobenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromochloromethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromodichloromethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromoform	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromomethane	ND	350	140	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon Disulfide	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon tetrachloride	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Chlorobenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroform	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloromethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	35	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromochloromethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromomethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Ethylbenzene	510	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Hexachlorobutadiene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Isopropylbenzene	110	J 350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
m&p-Xylene	3000	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	350	350	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	710	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Methylene chloride	ND	350	350	ug/Kg	50	05/28/16	JLI	SW8260C	
Naphthalene	910	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
n-Butylbenzene	210	J 350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
n-Propylbenzene	380	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
o-Xylene	480	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
p-Isopropyltoluene	140	J 350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
sec-Butylbenzene	88	J 350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Styrene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
tert-Butylbenzene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrachloroethene	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	710	180	ug/Kg	50	05/28/16	JLI	SW8260C	1
Toluene	1200	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	35	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	710	180	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichloroethene	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorofluoromethane	ND	350	71	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	350	35	ug/Kg	50	05/28/16	JLI	SW8260C	
Vinyl chloride	ND	35	35	ug/Kg	50	05/28/16	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	99			%	50	05/28/16	JLI	70 - 130 %	

Client ID: B1 (4-5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	50	05/28/16	JLI	70 - 130 %
% Dibromofluoromethane	93			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	05/28/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	7100	2800	ug/kg	50	05/28/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	50	05/28/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	05/28/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1400	71	ug/Kg	50	05/28/16	JLI	SW8260C
Acrolein	ND	1400	180	ug/Kg	50	05/28/16	JLI	SW8260C
Acrylonitrile	ND	1400	35	ug/Kg	50	05/28/16	JLI	SW8260C
Tert-butyl alcohol	ND	7100	1400	ug/Kg	50	05/28/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	2500	J 2700	1200	ug/Kg	10	05/27/16	DD	SW8270D
Acenaphthylene	ND	2700	1100	ug/Kg	10	05/27/16	DD	SW8270D
Anthracene	5900	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Benz(a)anthracene	8800	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Benzo(a)pyrene	6100	2700	1200	ug/Kg	10	05/27/16	DD	SW8270D
Benzo(b)fluoranthene	5300	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Benzo(ghi)perylene	2800	2700	1200	ug/Kg	10	05/27/16	DD	SW8270D
Benzo(k)fluoranthene	6200	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Chrysene	8300	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	2700	1200	ug/Kg	10	05/27/16	DD	SW8270D
Fluoranthene	21000	2700	1200	ug/Kg	10	05/27/16	DD	SW8270D
Fluorene	4100	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	3300	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
Naphthalene	1500	J 2700	1100	ug/Kg	10	05/27/16	DD	SW8270D
Phenanthrene	22000	2700	1100	ug/Kg	10	05/27/16	DD	SW8270D
Pyrene	17000	2700	1300	ug/Kg	10	05/27/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	Diluted Out			%	10	05/27/16	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out			%	10	05/27/16	DD	30 - 130 %
% Terphenyl-d14	Diluted Out			%	10	05/27/16	DD	30 - 130 %

Client ID: B1 (4-5 FT)

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

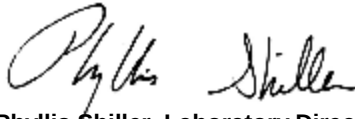
Comments:**Semi-Volatile Comment:**

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

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

S - Laboratory solvent, contamination is possible.

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

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43062

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B2 (1-3 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloropropene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trimethylbenzene	3900	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromoethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloroethane	ND	22	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloropropane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,3,5-Trimethylbenzene	740	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichloropropane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
2,2-Dichloropropane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C
2-Chlorotoluene	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C
2-Hexanone	ND	1100	220	ug/Kg	50	05/28/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	1500	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	1
4-Chlorotoluene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1100	220	ug/Kg	50	05/28/16	JLI	SW8260C	
Acetone	ND	220	220	ug/Kg	50	05/28/16	JLI	SW8260C	B
Acrylonitrile	ND	440	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Benzene	860	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromobenzene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromochloromethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromodichloromethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromoform	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromomethane	ND	220	88	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon Disulfide	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon tetrachloride	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Chlorobenzene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroform	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloromethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromochloromethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromomethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Ethylbenzene	11000	D 4400	440	ug/Kg	1000	05/30/16	JLI	SW8260C	
Hexachlorobutadiene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Isopropylbenzene	2800	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
m&p-Xylene	8000	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	220	220	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	280	J 440	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Methylene chloride	ND	22	220	ug/Kg	50	05/28/16	JLI	SW8260C	
Naphthalene	46000	D 4400	880	ug/Kg	1000	05/30/16	JLI	SW8260C	
n-Butylbenzene	7400	D 4400	440	ug/Kg	1000	05/30/16	JLI	SW8260C	
n-Propylbenzene	9100	D 4400	880	ug/Kg	1000	05/30/16	JLI	SW8260C	
o-Xylene	870	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
p-Isopropyltoluene	450	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
sec-Butylbenzene	2700	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Styrene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
tert-Butylbenzene	130	J 220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrachloroethene	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	440	110	ug/Kg	50	05/28/16	JLI	SW8260C	1
Toluene	7500	D 4400	440	ug/Kg	1000	05/30/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	22	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	440	110	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichloroethene	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorofluoromethane	ND	220	44	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	220	22	ug/Kg	50	05/28/16	JLI	SW8260C	
Vinyl chloride	ND	22	22	ug/Kg	50	05/28/16	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	94			%	50	05/28/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	102			%	50	05/28/16	JLI	70 - 130 %
% Dibromofluoromethane	96			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	95			%	50	05/28/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	4400	1800	ug/kg	50	05/28/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	50	05/28/16	JLI	70 - 130 %
% Bromofluorobenzene	102			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	95			%	50	05/28/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	880	44	ug/Kg	50	05/28/16	JLI	SW8260C
Acrolein	ND	880	110	ug/Kg	50	05/28/16	JLI	SW8260C
Acrylonitrile	ND	880	22	ug/Kg	50	05/28/16	JLI	SW8260C
Tert-butyl alcohol	ND	4400	880	ug/Kg	50	05/28/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	ND	2500	1100	ug/Kg	10	05/31/16	D/P	SW8270D
Acenaphthylene	ND	2500	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Anthracene	ND	2500	1200	ug/Kg	10	05/31/16	D/P	SW8270D
Benz(a)anthracene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Benzo(a)pyrene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Benzo(b)fluoranthene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Benzo(ghi)perylene	ND	2500	1200	ug/Kg	10	05/31/16	D/P	SW8270D
Benzo(k)fluoranthene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Chrysene	1000	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Dibenz(a,h)anthracene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Fluoranthene	1800	J 2500	1200	ug/Kg	10	05/31/16	D/P	SW8270D
Fluorene	1700	J 2500	1200	ug/Kg	10	05/31/16	D/P	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1000	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Naphthalene	22000	2500	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Phenanthrene	3700	2500	1000	ug/Kg	10	05/31/16	D/P	SW8270D
Pyrene	2500	J 2500	1200	ug/Kg	10	05/31/16	D/P	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	Diluted Out			%	10	05/31/16	D/P	30 - 130 %
% Nitrobenzene-d5	Diluted Out			%	10	05/31/16	D/P	30 - 130 %
% Terphenyl-d14	Diluted Out			%	10	05/31/16	D/P	30 - 130 %

Client ID: B2 (1-3 FT)

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

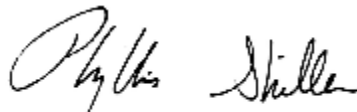
Comments:**Semi-Volatile Comment:**

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required; some compounds are evaluated below the lowest calibration standard.

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

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43063

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B3 (3-5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,1-Dichloroethene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,1-Dichloropropene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,2,4-Trimethylbenzene	720	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dibromoethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dichloroethane	ND	33	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dichloropropane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,3,5-Trimethylbenzene	350	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
1,3-Dichloropropane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
2,2-Dichloropropane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C
2-Chlorotoluene	110	J 330	65	ug/Kg	50	06/01/16	JLI	SW8260C
2-Hexanone	ND	1600	330	ug/Kg	50	06/01/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	1
4-Chlorotoluene	49	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1600	330	ug/Kg	50	06/01/16	JLI	SW8260C	
Acetone	440	JS 3200	330	ug/Kg	50	06/01/16	JLI	SW8260C	
Acrylonitrile	ND	650	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Benzene	430	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Bromobenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Bromochloromethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Bromodichloromethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Bromoform	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Bromomethane	ND	330	130	ug/Kg	50	06/01/16	JLI	SW8260C	
Carbon Disulfide	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Carbon tetrachloride	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Chlorobenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Chloroethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Chloroform	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Chloromethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	33	ug/Kg	50	06/01/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Dibromochloromethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Dibromomethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Ethylbenzene	230	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Hexachlorobutadiene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Isopropylbenzene	53	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
m&p-Xylene	1800	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	330	330	ug/Kg	50	06/01/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	650	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Methylene chloride	ND	330	330	ug/Kg	50	06/01/16	JLI	SW8260C	
Naphthalene	1300	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
n-Butylbenzene	60	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
n-Propylbenzene	140	J 330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
o-Xylene	630	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
p-Isopropyltoluene	86	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
sec-Butylbenzene	38	J 330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Styrene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
tert-Butylbenzene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Tetrachloroethene	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	650	160	ug/Kg	50	06/01/16	JLI	SW8260C	1
Toluene	790	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	33	ug/Kg	50	06/01/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	650	160	ug/Kg	50	06/01/16	JLI	SW8260C	
Trichloroethene	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Trichlorofluoromethane	ND	330	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	330	33	ug/Kg	50	06/01/16	JLI	SW8260C	
Vinyl chloride	ND	33	33	ug/Kg	50	06/01/16	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	102			%	50	06/01/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	50	06/01/16	JLI	70 - 130 %
% Dibromofluoromethane	91			%	50	06/01/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	06/01/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	6500	2600	ug/kg	50	06/01/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	50	06/01/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	50	06/01/16	JLI	70 - 130 %
% Toluene-d8	100			%	50	06/01/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1300	65	ug/Kg	50	06/01/16	JLI	SW8260C
Acrolein	ND	1300	160	ug/Kg	50	06/01/16	JLI	SW8260C
Acrylonitrile	ND	1300	33	ug/Kg	50	06/01/16	JLI	SW8260C
Tert-butyl alcohol	ND	6500	1300	ug/Kg	50	06/01/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	ND	260	110	ug/Kg	1	05/28/16	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	05/28/16	DD	SW8270D
Anthracene	150	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Benz(a)anthracene	270	260	130	ug/Kg	1	05/28/16	DD	SW8270D
Benzo(a)pyrene	210	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Benzo(b)fluoranthene	310	260	130	ug/Kg	1	05/28/16	DD	SW8270D
Benzo(ghi)perylene	190	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Benzo(k)fluoranthene	220	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Chrysene	370	260	130	ug/Kg	1	05/28/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	05/28/16	DD	SW8270D
Fluoranthene	810	260	120	ug/Kg	1	05/28/16	DD	SW8270D
Fluorene	150	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	190	J 260	120	ug/Kg	1	05/28/16	DD	SW8270D
Naphthalene	360	260	110	ug/Kg	1	05/28/16	DD	SW8270D
Phenanthrene	640	260	110	ug/Kg	1	05/28/16	DD	SW8270D
Pyrene	880	260	130	ug/Kg	1	05/28/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	54			%	1	05/28/16	DD	30 - 130 %
% Nitrobenzene-d5	57			%	1	05/28/16	DD	30 - 130 %
% Terphenyl-d14	71			%	1	05/28/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

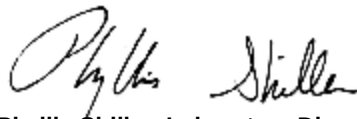
Volatile Comment:

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

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

S - Laboratory solvent, contamination is possible.

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

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43064

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B4 (3-5 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trimethylbenzene	230	D 320	32	ug/Kg	50	06/01/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,3,5-Trimethylbenzene	47	D 320	32	ug/Kg	50	06/01/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
2-Chlorotoluene	ND	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
2-Hexanone	ND	24	4.8	ug/Kg	1	05/30/16	JLI	SW8260C

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	0.96	J	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	1
4-Chlorotoluene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		24	4.8	ug/Kg	1	05/30/16	JLI	SW8260C	
Acetone	68	S	48	4.8	ug/Kg	1	05/30/16	JLI	SW8260C	
Acrylonitrile	ND		9.5	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Benzene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromobenzene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromochloromethane	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromodichloromethane	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromoform	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromomethane	ND		4.8	1.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon Disulfide	3.5	J	4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon tetrachloride	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Chlorobenzene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroethane	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroform	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloromethane	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromochloromethane	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromomethane	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Ethylbenzene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Hexachlorobutadiene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Isopropylbenzene	40	D	320	32	ug/Kg	50	06/01/16	JLI	SW8260C	
m&p-Xylene	91	D	320	65	ug/Kg	50	06/01/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		29	4.8	ug/Kg	1	05/30/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.5	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Methylene chloride	ND		4.8	4.8	ug/Kg	1	05/30/16	JLI	SW8260C	
Naphthalene	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
n-Butylbenzene	96	D	320	32	ug/Kg	50	06/01/16	JLI	SW8260C	
n-Propylbenzene	180	D	320	65	ug/Kg	50	06/01/16	JLI	SW8260C	
o-Xylene	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
p-Isopropyltoluene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
sec-Butylbenzene	79	D	320	32	ug/Kg	50	06/01/16	JLI	SW8260C	
Styrene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
tert-Butylbenzene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrachloroethene	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		9.5	2.4	ug/Kg	1	05/30/16	JLI	SW8260C	1
Toluene	1.1	J	4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		9.5	2.4	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichloroethene	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorofluoromethane	ND		4.8	0.95	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
Vinyl chloride	ND		4.8	0.48	ug/Kg	1	05/30/16	JLI	SW8260C	
<u>QA/QC Surrogates</u>										
% 1,2-dichlorobenzene-d4	98				%	1	05/30/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	101			%	1	05/30/16	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	05/30/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	95	38	ug/kg	1	05/30/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	05/30/16	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	100			%	1	05/30/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.95	ug/Kg	1	05/30/16	JLI	SW8260C
Acrolein	ND	19	2.4	ug/Kg	1	05/30/16	JLI	SW8260C
Acrylonitrile	ND	19	0.48	ug/Kg	1	05/30/16	JLI	SW8260C
Tert-butyl alcohol	ND	95	19	ug/Kg	1	05/30/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	ND	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	05/27/16	DD	SW8270D
Anthracene	ND	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Benz(a)anthracene	240	J 270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(a)pyrene	230	J 270	120	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(b)fluoranthene	250	J 270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(ghi)perylene	230	J 270	120	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(k)fluoranthene	190	J 270	130	ug/Kg	1	05/27/16	DD	SW8270D
Chrysene	280	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Fluoranthene	540	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Fluorene	ND	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	240	J 270	130	ug/Kg	1	05/27/16	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	05/27/16	DD	SW8270D
Phenanthrene	250	J 270	110	ug/Kg	1	05/27/16	DD	SW8270D
Pyrene	480	270	130	ug/Kg	1	05/27/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	37			%	1	05/27/16	DD	30 - 130 %
% Nitrobenzene-d5	32			%	1	05/27/16	DD	30 - 130 %
% Terphenyl-d14	37			%	1	05/27/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43065

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B5 (0-2 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/31/16	NJ/NV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloroethene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,1-Dichloropropene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,2,4-Trimethylbenzene	6300	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dibromoethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,2-Dichloropropane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,3,5-Trimethylbenzene	2600	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
1,3-Dichloropropane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
2,2-Dichloropropane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C
2-Chlorotoluene	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C
2-Hexanone	ND	1000	200	ug/Kg	50	05/28/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	120	J 200	20	ug/Kg	50	05/28/16	JLI	SW8260C	1
4-Chlorotoluene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	1000	200	ug/Kg	50	05/28/16	JLI	SW8260C	
Acetone	ND	200	200	ug/Kg	50	05/28/16	JLI	SW8260C	B
Acrylonitrile	ND	400	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Benzene	21	J 60	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromobenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromochloromethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromodichloromethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromoform	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Bromomethane	ND	200	80	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon Disulfide	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Carbon tetrachloride	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Chlorobenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloroform	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Chloromethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromochloromethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Dibromomethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Ethylbenzene	350	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Hexachlorobutadiene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Isopropylbenzene	270	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
m&p-Xylene	1300	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	200	200	ug/Kg	50	05/28/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	130	J 400	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Methylene chloride	ND	200	200	ug/Kg	50	05/28/16	JLI	SW8260C	
Naphthalene	13000	D 4000	800	ug/Kg	1000	05/30/16	JLI	SW8260C	
n-Butylbenzene	880	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
n-Propylbenzene	830	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
o-Xylene	1300	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
p-Isopropyltoluene	440	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
sec-Butylbenzene	600	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Styrene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
tert-Butylbenzene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrachloroethene	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	400	100	ug/Kg	50	05/28/16	JLI	SW8260C	1
Toluene	260	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	190	20	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	400	100	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichloroethene	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorofluoromethane	ND	200	40	ug/Kg	50	05/28/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	200	20	ug/Kg	50	05/28/16	JLI	SW8260C	
Vinyl chloride	ND	20	20	ug/Kg	50	05/28/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	50	05/28/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	50	05/28/16	JLI	70 - 130 %
% Dibromofluoromethane	94			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	05/28/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	4000	1600	ug/kg	50	05/28/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	05/28/16	JLI	70 - 130 %
% Bromofluorobenzene	97			%	50	05/28/16	JLI	70 - 130 %
% Toluene-d8	99			%	50	05/28/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	800	40	ug/Kg	50	05/28/16	JLI	SW8260C
Acrolein	ND	800	100	ug/Kg	50	05/28/16	JLI	SW8260C
Acrylonitrile	ND	800	20	ug/Kg	50	05/28/16	JLI	SW8260C
Tert-butyl alcohol	ND	4000	800	ug/Kg	50	05/28/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	15000	2400	1000	ug/Kg	10	06/01/16	DD	SW8270D
Acenaphthylene	ND	2400	960	ug/Kg	10	06/01/16	DD	SW8270D
Anthracene	19000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Benz(a)anthracene	38000	2400	1200	ug/Kg	10	06/01/16	DD	SW8270D
Benzo(a)pyrene	37000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Benzo(b)fluoranthene	36000	2400	1200	ug/Kg	10	06/01/16	DD	SW8270D
Benzo(ghi)perylene	21000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Benzo(k)fluoranthene	34000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Chrysene	40000	2400	1200	ug/Kg	10	06/01/16	DD	SW8270D
Dibenz(a,h)anthracene	5400	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Fluoranthene	85000	D 12000	5600	ug/Kg	50	06/01/16	DD	SW8270D
Fluorene	12000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	24000	2400	1100	ug/Kg	10	06/01/16	DD	SW8270D
Naphthalene	5900	2400	990	ug/Kg	10	06/01/16	DD	SW8270D
Phenanthrene	88000	D 12000	4900	ug/Kg	50	06/01/16	DD	SW8270D
Pyrene	70000	D 12000	5900	ug/Kg	50	06/01/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	64			%	10	06/01/16	DD	30 - 130 %
% Nitrobenzene-d5	91			%	10	06/01/16	DD	30 - 130 %
% Terphenyl-d14	72			%	10	06/01/16	DD	30 - 130 %

Client ID: B5 (0-2 FT)

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

05/27/16 15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43066

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B5 (5-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trimethylbenzene	1.8	J 5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,3,5-Trimethylbenzene	1.2	J 5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
2-Hexanone	ND	29	5.9	ug/Kg	1	05/30/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	0.92	J 5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	1
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	29	5.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Acetone	62	S 50	5.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Benzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromobenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromoform	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromomethane	ND	5.9	2.4	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon Disulfide	1.7	J 5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroform	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloromethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromomethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Methyl Ethyl Ketone	15	J 35	5.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	9.7	J 12	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Methylene chloride	ND	5.9	5.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Naphthalene	140	D 360	73	ug/Kg	50	05/31/16	JLI	SW8260C	
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
n-Propylbenzene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
o-Xylene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
p-Isopropyltoluene	320	D 300	36	ug/Kg	50	05/31/16	JLI	SW8260C	
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Styrene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	05/30/16	JLI	SW8260C	1
Toluene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichloroethene	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	05/30/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	05/30/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96			%	1	05/30/16	JLI	70 - 130 %
% Dibromofluoromethane	92			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	05/30/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	47	ug/kg	1	05/30/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	05/30/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	99			%	1	05/30/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	05/30/16	JLI	SW8260C
Acrolein	ND	24	2.9	ug/Kg	1	05/30/16	JLI	SW8260C
Acrylonitrile	ND	24	0.59	ug/Kg	1	05/30/16	JLI	SW8260C
Tert-butyl alcohol	120	120	24	ug/Kg	1	05/30/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	600	270	120	ug/Kg	1	05/27/16	DD	SW8270D
Acenaphthylene	190	J 270	110	ug/Kg	1	05/27/16	DD	SW8270D
Anthracene	2000	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benz(a)anthracene	3600	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(a)pyrene	2900	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(b)fluoranthene	2700	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(ghi)perylene	1200	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(k)fluoranthene	2500	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Chrysene	3500	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Dibenz(a,h)anthracene	260	J 270	130	ug/Kg	1	05/27/16	DD	SW8270D
Fluoranthene	7900	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Fluorene	1100	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	1600	270	130	ug/Kg	1	05/27/16	DD	SW8270D
Naphthalene	290	270	110	ug/Kg	1	05/27/16	DD	SW8270D
Phenanthrene	6400	270	110	ug/Kg	1	05/27/16	DD	SW8270D
Pyrene	6400	270	130	ug/Kg	1	05/27/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	64			%	1	05/27/16	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	05/27/16	DD	30 - 130 %
% Terphenyl-d14	72			%	1	05/27/16	DD	30 - 130 %

Client ID: B5 (5-7 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

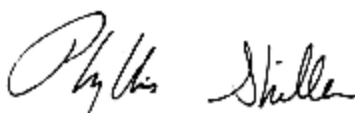
Comments:

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 14, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43061
Phoenix ID: BN43067

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B10 (6-8 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81			%		05/27/16	W	SW846-%Solid
Soil Extraction SVOA PAH	Completed					05/27/16	NJ/CKV	SW3545A
Field Extraction	Completed					05/26/16		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	05/30/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	1
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Acetone	40	JS 42	4.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Acrylonitrile	ND	8.4	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Benzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromobenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromodichloromethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromoform	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Bromomethane	ND	4.2	1.7	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon Disulfide	1.5	J 4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Carbon tetrachloride	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloroform	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Chloromethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromochloromethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Dibromomethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
m&p-Xylene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Methyl Ethyl Ketone	8.4	J 25	4.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.4	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Methylene chloride	ND	4.2	4.2	ug/Kg	1	05/30/16	JLI	SW8260C	
Naphthalene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
n-Propylbenzene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
o-Xylene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Styrene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
tert-Butylbenzene	0.53	J 4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrachloroethene	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.4	2.1	ug/Kg	1	05/30/16	JLI	SW8260C	1
Toluene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.4	2.1	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichloroethene	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorofluoromethane	ND	4.2	0.84	ug/Kg	1	05/30/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	05/30/16	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	99			%	1	05/30/16	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	104			%	1	05/30/16	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	05/30/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	84	34	ug/kg	1	05/30/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	05/30/16	JLI	70 - 130 %
% Bromofluorobenzene	104			%	1	05/30/16	JLI	70 - 130 %
% Toluene-d8	101			%	1	05/30/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.84	ug/Kg	1	05/30/16	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	05/30/16	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	05/30/16	JLI	SW8260C
Tert-butyl alcohol	ND	84	17	ug/Kg	1	05/30/16	JLI	SW8260C
<u>Semivolatiles</u>								
Acenaphthene	ND	280	120	ug/Kg	1	05/27/16	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	05/27/16	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Benz(a)anthracene	ND	280	140	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Chrysene	ND	280	140	ug/Kg	1	05/27/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	05/27/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	140	J 280	130	ug/Kg	1	05/27/16	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	05/27/16	DD	SW8270D
Phenanthrene	ND	280	120	ug/Kg	1	05/27/16	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	05/27/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2-Fluorobiphenyl	64			%	1	05/27/16	DD	30 - 130 %
% Nitrobenzene-d5	59			%	1	05/27/16	DD	30 - 130 %
% Terphenyl-d14	69			%	1	05/27/16	DD	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 14, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

June 14, 2016

QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 347261 (ug/kg), QC Sample No: BN41831 (BN43062 (1000X) , BN43064, BN43065 (1000X) , BN43066, BN43067)											
Volatiles - Solid											
1,1,1,2-Tetrachloroethane	ND	5.0	108	109	0.9	86	117	30.5	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	113	114	0.9	80	115	35.9	70 - 130	30	r
1,1,2,2-Tetrachloroethane	ND	3.0	107	108	0.9	95	114	18.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	107	105	1.9	96	111	14.5	70 - 130	30	
1,1-Dichloroethane	ND	5.0	108	107	0.9	83	114	31.5	70 - 130	30	r
1,1-Dichloroethene	ND	5.0	111	115	3.5	82	119	36.8	70 - 130	30	r
1,1-Dichloropropene	ND	5.0	112	113	0.9	87	121	32.7	70 - 130	30	r
1,2,3-Trichlorobenzene	ND	5.0	84	89	5.8	83	99	17.6	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	104	107	2.8	91	110	18.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	77	80	3.8	81	97	18.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	96	96	0.0	80	113	34.2	70 - 130	30	r
1,2-Dibromo-3-chloropropane	ND	5.0	112	114	1.8	97	115	17.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	107	107	0.0	91	114	22.4	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	91	95	4.3	81	106	26.7	70 - 130	30	
1,2-Dichloroethane	ND	5.0	109	105	3.7	93	115	21.2	70 - 130	30	
1,2-Dichloropropane	ND	5.0	107	107	0.0	87	117	29.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	99	101	2.0	81	112	32.1	70 - 130	30	r
1,3-Dichlorobenzene	ND	5.0	87	89	2.3	76	104	31.1	70 - 130	30	r
1,3-Dichloropropane	ND	5.0	105	106	0.9	89	111	22.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	86	89	3.4	77	101	27.0	70 - 130	30	
1,4-dioxane	ND	100	107	102	4.8	100	116	14.8	70 - 130	30	
2,2-Dichloropropane	ND	5.0	97	98	1.0	76	99	26.3	70 - 130	30	
2-Chlorotoluene	ND	5.0	97	99	2.0	81	112	32.1	70 - 130	30	r
2-Hexanone	ND	25	100	101	1.0	86	100	15.1	70 - 130	30	
2-Isopropyltoluene	ND	5.0	103	105	1.9	83	117	34.0	70 - 130	30	r
4-Chlorotoluene	ND	5.0	89	91	2.2	77	104	29.8	70 - 130	30	
4-Methyl-2-pentanone	ND	25	108	110	1.8	98	111	12.4	70 - 130	30	
Acetone	ND	10	85	86	1.2	102	147	36.1	70 - 130	30	m,r
Acrolein	ND	25	108	113	4.5	87	112	25.1	70 - 130	30	
Acrylonitrile	ND	5.0	109	112	2.7	93	108	14.9	70 - 130	30	
Benzene	ND	1.0	109	108	0.9	87	121	32.7	70 - 130	30	r
Bromobenzene	ND	5.0	97	97	0.0	82	109	28.3	70 - 130	30	
Bromochloromethane	ND	5.0	108	110	1.8	90	114	23.5	70 - 130	30	
Bromodichloromethane	ND	5.0	110	110	0.0	92	118	24.8	70 - 130	30	
Bromoform	ND	5.0	115	119	3.4	97	120	21.2	70 - 130	30	
Bromomethane	ND	5.0	133	134	0.7	108	150	32.6	70 - 130	30	l,m,r
Carbon Disulfide	ND	5.0	115	120	4.3	85	120	34.1	70 - 130	30	r
Carbon tetrachloride	ND	5.0	116	116	0.0	79	115	37.1	70 - 130	30	r
Chlorobenzene	ND	5.0	102	103	1.0	82	112	30.9	70 - 130	30	r
Chloroethane	ND	5.0	136	138	1.5	103	150	37.2	70 - 130	30	l,m,r
Chloroform	ND	5.0	108	109	0.9	83	114	31.5	70 - 130	30	r

QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	5.0	132	136	3.0	99	140	34.3	70 - 130	30	l,m,r
cis-1,2-Dichloroethene	ND	5.0	107	108	0.9	85	113	28.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	99	100	1.0	89	110	21.1	70 - 130	30	
Dibromochloromethane	ND	3.0	115	115	0.0	93	122	27.0	70 - 130	30	
Dibromomethane	ND	5.0	106	106	0.0	93	113	19.4	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	143	147	2.8	103	148	35.9	70 - 130	30	l,m,r
Ethylbenzene	ND	1.0	103	107	3.8	82	117	35.2	70 - 130	30	
Hexachlorobutadiene	ND	5.0	94	96	2.1	82	108	27.4	70 - 130	30	
Isopropylbenzene	ND	1.0	102	105	2.9	81	118	37.2	70 - 130	30	r
m&p-Xylene	ND	2.0	103	105	1.9	80	118	38.4	70 - 130	30	r
Methyl ethyl ketone	ND	5.0	97	99	2.0	83	94	12.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	111	112	0.9	99	115	15.0	70 - 130	30	
Methylene chloride	ND	5.0	89	91	2.2	79	103	26.4	70 - 130	30	
Naphthalene	ND	5.0	104	107	2.8	96	110	13.6	70 - 130	30	
n-Butylbenzene	ND	1.0	90	95	5.4	78	107	31.4	70 - 130	30	r
n-Propylbenzene	ND	1.0	96	99	3.1	77	109	34.4	70 - 130	30	r
o-Xylene	ND	2.0	104	105	1.0	81	115	34.7	70 - 130	30	r
p-Isopropyltoluene	ND	1.0	99	102	3.0	81	115	34.7	70 - 130	30	r
sec-Butylbenzene	ND	1.0	107	110	2.8	84	117	32.8	70 - 130	30	r
Styrene	ND	5.0	103	104	1.0	84	114	30.3	70 - 130	30	
tert-butyl alcohol	ND	100	110	104	5.6	96	113	16.3	70 - 130	30	
tert-Butylbenzene	ND	1.0	105	106	0.9	81	118	37.2	70 - 130	30	r
Tetrachloroethene	ND	5.0	102	102	0.0	83	115	32.3	70 - 130	30	r
Tetrahydrofuran (THF)	ND	5.0	108	111	2.7	95	108	12.8	70 - 130	30	
Toluene	ND	1.0	106	107	0.9	86	117	30.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	104	109	4.7	81	113	33.0	70 - 130	30	r
trans-1,3-Dichloropropene	ND	5.0	101	100	1.0	91	108	17.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	95	95	0.0	93	108	14.9	70 - 130	30	
Trichloroethene	ND	5.0	109	108	0.9	85	118	32.5	70 - 130	30	r
Trichlorofluoromethane	ND	5.0	137	141	2.9	96	142	38.7	70 - 130	30	l,m,r
Trichlorotrifluoroethane	ND	5.0	116	119	2.6	82	120	37.6	70 - 130	30	
Vinyl chloride	ND	5.0	127	129	1.6	93	136	37.6	70 - 130	30	m,r
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	96	%	102	100	2.0	97	100	3.0	70 - 130	30	
% Dibromofluoromethane	97	%	100	100	0.0	97	97	0.0	70 - 130	30	
% Toluene-d8	101	%	101	101	0.0	104	101	2.9	70 - 130	30	

QA/QC Batch 347246 (ug/kg), QC Sample No: BN42333 (BN43061 (50X) , BN43062 (50X) , BN43065 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	101	103	2.0	98	102	4.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	102	103	1.0	98	101	3.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	98	99	1.0	96	96	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	95	95	0.0	95	95	0.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	97	101	4.0	96	97	1.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	105	2.9	96	101	5.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	107	107	0.0	106	106	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	92	96	4.3	96	94	2.1	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	95	98	3.1	89	88	1.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	90	92	2.2	92	88	4.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	98	98	0.0	95	98	3.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	98	100	2.0	95	93	2.1	70 - 130	30
1,2-Dibromoethane	ND	5.0	96	99	3.1	94	97	3.1	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	93	94	1.1	92	94	2.2	70 - 130	30

QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloroethane	ND	5.0	98	97	1.0	96	95	1.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	99	99	0.0	98	98	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	100	101	1.0	100	100	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	93	94	1.1	91	92	1.1	70 - 130	30
1,3-Dichloropropane	ND	5.0	94	97	3.1	95	96	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	91	93	2.2	90	90	0.0	70 - 130	30
1,4-dioxane	ND	100	109	100	8.6	104	104	0.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	97	99	2.0	94	97	3.1	70 - 130	30
2-Chlorotoluene	ND	5.0	99	99	0.0	99	100	1.0	70 - 130	30
2-Hexanone	ND	25	87	90	3.4	82	84	2.4	70 - 130	30
2-Isopropyltoluene	ND	5.0	107	106	0.9	107	106	0.9	70 - 130	30
4-Chlorotoluene	ND	5.0	94	93	1.1	91	92	1.1	70 - 130	30
4-Methyl-2-pentanone	ND	25	96	98	2.1	93	92	1.1	70 - 130	30
Acetone	5.8 JS	10	79	77	2.6	69	66	4.4	70 - 130	30
Acrolein	ND	25	113	118	4.3	92	100	8.3	70 - 130	30
Acrylonitrile	ND	5.0	96	100	4.1	92	89	3.3	70 - 130	30
Benzene	ND	1.0	102	104	1.9	100	103	3.0	70 - 130	30
Bromobenzene	ND	5.0	96	99	3.1	94	97	3.1	70 - 130	30
Bromochloromethane	ND	5.0	98	101	3.0	95	97	2.1	70 - 130	30
Bromodichloromethane	ND	5.0	101	103	2.0	100	99	1.0	70 - 130	30
Bromoform	ND	5.0	103	107	3.8	96	99	3.1	70 - 130	30
Bromomethane	ND	5.0	98	101	3.0	98	100	2.0	70 - 130	30
Carbon Disulfide	ND	5.0	110	112	1.8	101	106	4.8	70 - 130	30
Carbon tetrachloride	ND	5.0	102	105	2.9	98	100	2.0	70 - 130	30
Chlorobenzene	ND	5.0	96	99	3.1	96	98	2.1	70 - 130	30
Chloroethane	ND	5.0	104	104	0.0	96	102	6.1	70 - 130	30
Chloroform	ND	5.0	97	100	3.0	96	99	3.1	70 - 130	30
Chloromethane	ND	5.0	96	99	3.1	86	91	5.6	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	96	4.1	93	98	5.2	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	98	98	0.0	95	97	2.1	70 - 130	30
Dibromochloromethane	ND	3.0	103	104	1.0	101	103	2.0	70 - 130	30
Dibromomethane	ND	5.0	97	97	0.0	94	94	0.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	91	94	3.2	86	87	1.2	70 - 130	30
Ethylbenzene	ND	1.0	102	103	1.0	99	103	4.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	99	99	0.0	99	98	1.0	70 - 130	30
Isopropylbenzene	ND	1.0	103	105	1.9	101	104	2.9	70 - 130	30
m&p-Xylene	ND	2.0	101	103	2.0	99	104	4.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	84	85	1.2	77	78	1.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	103	3.0	99	99	0.0	70 - 130	30
Methylene chloride	ND	5.0	91	92	1.1	73	77	5.3	70 - 130	30
Naphthalene	ND	5.0	104	105	1.0	103	101	2.0	70 - 130	30
n-Butylbenzene	ND	1.0	96	98	2.1	96	96	0.0	70 - 130	30
n-Propylbenzene	ND	1.0	97	100	3.0	95	96	1.0	70 - 130	30
o-Xylene	ND	2.0	98	101	3.0	98	102	4.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	102	104	1.9	100	102	2.0	70 - 130	30
sec-Butylbenzene	ND	1.0	107	108	0.9	103	104	1.0	70 - 130	30
Styrene	ND	5.0	99	101	2.0	99	101	2.0	70 - 130	30
tert-butyl alcohol	ND	100	96	92	4.3	94	94	0.0	70 - 130	30
tert-Butylbenzene	ND	1.0	104	104	0.0	99	102	3.0	70 - 130	30
Tetrachloroethene	ND	5.0	100	103	3.0	100	101	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	92	96	4.3	90	89	1.1	70 - 130	30
Toluene	ND	1.0	101	102	1.0	100	102	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	101	3.0	96	99	3.1	70 - 130	30

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QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,3-Dichloropropene	ND	5.0	97	97	0.0	95	94	1.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	104	1.0	99	98	1.0	70 - 130	30
Trichloroethene	ND	5.0	104	105	1.0	101	104	2.9	70 - 130	30
Trichlorofluoromethane	ND	5.0	100	102	2.0	95	99	4.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	107	113	5.5	105	107	1.9	70 - 130	30
Vinyl chloride	ND	5.0	93	98	5.2	86	89	3.4	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	99	0.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	95	%	99	98	1.0	97	100	3.0	70 - 130	30
% Dibromofluoromethane	96	%	94	99	5.2	100	97	3.0	70 - 130	30
% Toluene-d8	97	%	99	101	2.0	101	102	1.0	70 - 130	30

QA/QC Batch 347417 (ug/kg), QC Sample No: BN42535 (BN43066 (50X))

Volatiles - Solid

Naphthalene	ND	5.0	118	120	1.7	120	134	11.0	70 - 130	30	m
p-Isopropyltoluene	ND	1.0	105	113	7.3	118	123	4.1	70 - 130	30	

QA/QC Batch 347134 (ug/kg), QC Sample No: BN43064 (BN43061, BN43062, BN43063, BN43064, BN43065, BN43066, BN43067)

Polynuclear Aromatic HC - Solid

Acenaphthene	ND	230	73	75	2.7	60	59	1.7	30 - 130	30
Acenaphthylene	ND	230	72	74	2.7	59	59	0.0	30 - 130	30
Anthracene	ND	230	74	77	4.0	59	58	1.7	30 - 130	30
Benz(a)anthracene	ND	230	73	76	4.0	55	56	1.8	30 - 130	30
Benzo(a)pyrene	ND	230	70	73	4.2	49	50	2.0	30 - 130	30
Benzo(b)fluoranthene	ND	230	71	77	8.1	57	54	5.4	30 - 130	30
Benzo(ghi)perylene	ND	230	69	71	2.9	42	47	11.2	30 - 130	30
Benzo(k)fluoranthene	ND	230	72	73	1.4	45	50	10.5	30 - 130	30
Chrysene	ND	230	80	83	3.7	58	58	0.0	30 - 130	30
Dibenz(a,h)anthracene	ND	230	69	72	4.3	48	52	8.0	30 - 130	30
Fluoranthene	ND	230	75	77	2.6	55	55	0.0	30 - 130	30
Fluorene	ND	230	73	76	4.0	59	59	0.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	70	72	2.8	45	51	12.5	30 - 130	30
Naphthalene	ND	230	71	74	4.1	63	63	0.0	30 - 130	30
Phenanthrene	ND	230	74	77	4.0	55	54	1.8	30 - 130	30
Pyrene	ND	230	76	78	2.6	57	58	1.7	30 - 130	30
% 2-Fluorobiphenyl	51	%	67	70	4.4	55	55	0.0	30 - 115	30
% Nitrobenzene-d5	47	%	63	66	4.7	56	54	3.6	23 - 120	30
% Terphenyl-d14	59	%	75	78	3.9	62	60	3.3	18 - 137	30

QA/QC Batch 347567 (ug/kg), QC Sample No: BN44276 (BN43063 (50X) , BN43064 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	105	103	1.9	104	102	1.9	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	106	103	2.9	104	105	1.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	107	107	0.0	103	104	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	105	105	0.0	104	106	1.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	105	101	3.9	100	102	2.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	109	104	4.7	84	87	3.5	70 - 130	30
1,1-Dichloropropene	ND	5.0	114	110	3.6	111	115	3.5	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	109	111	1.8	105	113	7.3	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	101	102	1.0	97	99	2.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	116	114	1.7	107	113	5.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	109	105	3.7	105	108	2.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	108	112	3.6	98	103	5.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	106	105	0.9	101	101	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	104	102	1.9	100	102	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloroethane	ND	5.0	106	104	1.9	102	105	2.9	70 - 130	30	
1,2-Dichloropropane	ND	5.0	106	103	2.9	106	108	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	108	104	3.8	103	106	2.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	108	104	3.8	102	104	1.9	70 - 130	30	
1,3-Dichloropropane	ND	5.0	105	101	3.9	102	101	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	106	104	1.9	100	103	3.0	70 - 130	30	
1,4-dioxane	ND	100	125	118	5.8	119	117	1.7	70 - 130	30	
2,2-Dichloropropane	ND	5.0	107	103	3.8	100	101	1.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	107	103	3.8	103	105	1.9	70 - 130	30	
2-Hexanone	ND	25	108	114	5.4	106	105	0.9	70 - 130	30	
2-Isopropyltoluene	ND	5.0	122	119	2.5	119	122	2.5	70 - 130	30	
4-Chlorotoluene	ND	5.0	105	102	2.9	100	103	3.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	121	125	3.3	116	120	3.4	70 - 130	30	
Acetone	ND	10	88	90	2.2	66	67	1.5	70 - 130	30	m
Acrolein	ND	25	93	101	8.2	47	41	13.6	70 - 130	30	m
Acrylonitrile	ND	5.0	119	123	3.3	117	114	2.6	70 - 130	30	
Benzene	ND	1.0	110	106	3.7	108	111	2.7	70 - 130	30	
Bromobenzene	ND	5.0	105	102	2.9	102	104	1.9	70 - 130	30	
Bromochloromethane	ND	5.0	108	104	3.8	104	104	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	110	108	1.8	107	109	1.9	70 - 130	30	
Bromoform	ND	5.0	112	113	0.9	106	106	0.0	70 - 130	30	
Bromomethane	ND	5.0	132	123	7.1	80	93	15.0	70 - 130	30	l
Carbon Disulfide	ND	5.0	133	126	5.4	100	102	2.0	70 - 130	30	l
Carbon tetrachloride	ND	5.0	106	103	2.9	103	102	1.0	70 - 130	30	
Chlorobenzene	ND	5.0	107	103	3.8	105	105	0.0	70 - 130	30	
Chloroethane	ND	5.0	130	122	6.3	46	45	2.2	70 - 130	30	m
Chloroform	ND	5.0	106	103	2.9	104	105	1.0	70 - 130	30	
Chloromethane	ND	5.0	119	117	1.7	120	117	2.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	104	101	2.9	102	102	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	109	106	2.8	106	107	0.9	70 - 130	30	
Dibromochloromethane	ND	3.0	111	109	1.8	105	105	0.0	70 - 130	30	
Dibromomethane	ND	5.0	106	105	0.9	104	106	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	118	114	3.4	116	116	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	108	105	2.8	106	107	0.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	109	106	2.8	109	113	3.6	70 - 130	30	
Isopropylbenzene	ND	1.0	108	105	2.8	105	109	3.7	70 - 130	30	
m&p-Xylene	ND	2.0	111	107	3.7	107	109	1.9	70 - 130	30	
Methyl ethyl ketone	ND	5.0	107	109	1.9	101	102	1.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	122	120	1.7	114	110	3.6	70 - 130	30	
Methylene chloride	ND	5.0	82	79	3.7	77	76	1.3	70 - 130	30	
Naphthalene	ND	5.0	115	117	1.7	106	115	8.1	70 - 130	30	
n-Butylbenzene	ND	1.0	114	110	3.6	107	112	4.6	70 - 130	30	
n-Propylbenzene	ND	1.0	107	103	3.8	102	105	2.9	70 - 130	30	
o-Xylene	ND	2.0	107	103	3.8	106	106	0.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	113	109	3.6	108	111	2.7	70 - 130	30	
sec-Butylbenzene	ND	1.0	112	109	2.7	108	113	4.5	70 - 130	30	
Styrene	ND	5.0	111	107	3.7	108	109	0.9	70 - 130	30	
tert-butyl alcohol	ND	100	115	112	2.6	129	127	1.6	70 - 130	30	
tert-Butylbenzene	ND	1.0	107	104	2.8	104	106	1.9	70 - 130	30	
Tetrachloroethene	ND	5.0	112	108	3.6	110	114	3.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	116	120	3.4	112	111	0.9	70 - 130	30	
Toluene	ND	1.0	111	106	4.6	109	112	2.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	107	102	4.8	97	98	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBN43061

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
trans-1,3-Dichloropropene	ND	5.0	109	106	2.8	105	108	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	129	131	1.5	117	120	2.5	70 - 130	30	I
Trichloroethene	ND	5.0	110	108	1.8	110	113	2.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	123	118	4.1	22	23	4.4	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	126	122	3.2	105	105	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	116	111	4.4	118	119	0.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	98	101	3.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	97	%	99	101	2.0	101	100	1.0	70 - 130	30	
% Dibromofluoromethane	95	%	97	97	0.0	95	96	1.0	70 - 130	30	
% Toluene-d8	101	%	101	101	0.0	101	102	1.0	70 - 130	30	

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

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

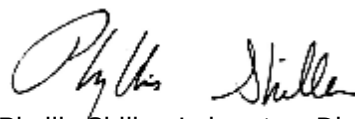
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

June 14, 2016

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN43061 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43061	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	35	20	20	ug/Kg
BN43061	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	35	20	20	ug/Kg
BN43061	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	360	3500	50	50	ug/Kg
BN43061	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	360	3500	50	50	ug/Kg
BN43061	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	350	50	50	ug/Kg
BN43061	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	350	50	50	ug/Kg
BN43061	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	350	120	120	ug/Kg
BN43061	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	350	120	120	ug/Kg
BN43061	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	480	350	60	60	ug/Kg
BN43061	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	480	350	60	60	ug/Kg
BN43061	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	35	20	20	ug/Kg
BN43061	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	35	20	20	ug/Kg
BN43061	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	1200	350	700	700	ug/Kg
BN43061	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1200	350	700	700	ug/Kg
BN43061	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	4000	350	3600	3600	ug/Kg
BN43061	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	4000	350	3600	3600	ug/Kg
BN43061	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	7100	100	100	ug/kg
BN43061	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	7100	100	100	ug/kg
BN43061	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5300	2700	1700	1700	ug/Kg
BN43061	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	8300	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	8800	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6200	2700	1700	1700	ug/Kg
BN43061	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	6200	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	8300	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5300	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	330	330	ug/Kg
BN43061	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	6100	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3300	2700	500	500	ug/Kg
BN43061	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	8800	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	8300	2700	3900	3900	ug/Kg
BN43061	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3300	2700	500	500	ug/Kg
BN43061	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	330	330	ug/Kg
BN43061	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	8800	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	6200	2700	3900	3900	ug/Kg
BN43061	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5300	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	6100	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6200	2700	800	800	ug/Kg
BN43061	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8300	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	2700	500	500	ug/Kg
BN43061	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BN43061	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6100	2700	1000	1000	ug/Kg
BN43061	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5300	2700	1000	1000	ug/Kg

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN43061 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43061	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8800	2700	1000	1000	ug/Kg
BN43062	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	22	20	20	ug/Kg
BN43062	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	22	20	20	ug/Kg
BN43062	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	50	50	ug/Kg
BN43062	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg
BN43062	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	120	120	ug/Kg
BN43062	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	120	120	ug/Kg
BN43062	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	860	220	60	60	ug/Kg
BN43062	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	860	220	60	60	ug/Kg
BN43062	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	22	20	20	ug/Kg
BN43062	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	22	20	20	ug/Kg
BN43062	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	7500	4400	700	700	ug/Kg
BN43062	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	7500	4400	700	700	ug/Kg
BN43062	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	11000	4400	1000	1000	ug/Kg
BN43062	\$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	11000	4400	1000	1000	ug/Kg
BN43062	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	9100	4400	3900	3900	ug/Kg
BN43062	\$8260MADPR	n-Propylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	9100	4400	3900	3900	ug/Kg
BN43062	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	3900	220	3600	3600	ug/Kg
BN43062	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3900	220	3600	3600	ug/Kg
BN43062	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4400	100	100	ug/kg
BN43062	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4400	100	100	ug/kg
BN43062	\$DP_8270SSR	Naphthalene	NY / 375-6.8 Semivolatiles / Ground Water Protection	22000	2500	12000	12000	ug/Kg
BN43062	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1000	330	330	ug/Kg
BN43062	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1000	500	500	ug/Kg
BN43062	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1000	330	330	ug/Kg
BN43062	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1000	500	500	ug/Kg
BN43062	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1000	800	800	ug/Kg
BN43062	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1000	330	330	ug/Kg
BN43062	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1000	500	500	ug/Kg
BN43062	\$DP_8270SSR	Naphthalene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	22000	2500	12000	12000	ug/Kg
BN43063	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	33	20	20	ug/Kg
BN43063	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	33	20	20	ug/Kg
BN43063	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	440	3200	50	50	ug/Kg
BN43063	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	440	3200	50	50	ug/Kg
BN43063	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	330	50	50	ug/Kg
BN43063	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	330	50	50	ug/Kg
BN43063	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	330	120	120	ug/Kg
BN43063	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	330	120	120	ug/Kg
BN43063	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	430	330	60	60	ug/Kg
BN43063	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	430	330	60	60	ug/Kg

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN43061 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43063	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	33	20	20	ug/Kg
BN43063	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	33	20	20	ug/Kg
BN43063	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Ground Water Protection	790	330	700	700	ug/Kg
BN43063	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	790	330	700	700	ug/Kg
BN43063	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6500	100	100	ug/kg
BN43063	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6500	100	100	ug/kg
BN43064	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	68	48	50	50	ug/Kg
BN43064	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	68	48	50	50	ug/Kg
BN43065	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	200	50	50	ug/Kg
BN43065	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	200	50	50	ug/Kg
BN43065	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	200	50	50	ug/Kg
BN43065	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	200	50	50	ug/Kg
BN43065	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	200	120	120	ug/Kg
BN43065	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	200	120	120	ug/Kg
BN43065	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	6300	200	3600	3600	ug/Kg
BN43065	\$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	6300	200	3600	3600	ug/Kg
BN43065	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4000	100	100	ug/kg
BN43065	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4000	100	100	ug/kg
BN43065	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	38000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	38000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	38000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	38000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	40000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	40000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	40000	2400	3900	3900	ug/Kg
BN43065	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	40000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	36000	2400	1700	1700	ug/Kg
BN43065	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	36000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	36000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	36000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	34000	2400	1700	1700	ug/Kg
BN43065	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	34000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	34000	2400	3900	3900	ug/Kg
BN43065	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	34000	2400	800	800	ug/Kg
BN43065	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	37000	2400	22000	22000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	37000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	37000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	37000	2400	1000	1000	ug/Kg
BN43065	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	24000	2400	8200	8200	ug/Kg
BN43065	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	24000	2400	500	500	ug/Kg

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN43061 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43065	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	24000	2400	500	500	ug/Kg
BN43065	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	24000	2400	500	500	ug/Kg
BN43065	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	5400	2400	330	330	ug/Kg
BN43065	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	5400	2400	330	330	ug/Kg
BN43065	\$DP_8270SSR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	2400	330	330	ug/Kg
BN43066	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	62	50	50	50	ug/Kg
BN43066	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	62	50	50	50	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3600	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2700	270	1700	1700	ug/Kg
BN43066	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3500	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2500	270	1700	1700	ug/Kg
BN43066	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3500	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	270	500	500	ug/Kg
BN43066	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2500	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2700	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2900	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3600	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2900	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	270	500	500	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	270	800	800	ug/Kg
BN43066	\$DP_8270SSR	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	270	1000	1000	ug/Kg
BN43066	\$DP_8270SSR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	500	500	ug/Kg

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



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



Analysis Comments

June 14, 2016

SDG I.D.: GBN43061

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM03 05/27/16-2: BN43061, BN43062, BN43065

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 28% (20%), Bromoform 22% (20%), Methylene chloride 35% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Acrolein 0.037 (0.05)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.031 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM03 05/30/16-1: BN43062, BN43064, BN43065, BN43066, BN43067

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 28% (20%), Bromoform 22% (20%), Methylene chloride 35% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Acrolein 0.037 (0.05)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 1,2,4-Trichlorobenzene 32%L (30%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.032 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM03 06/01/16-1: BN43063, BN43064

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 28% (20%), Bromoform 22% (20%), Methylene chloride 35% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Acrolein 0.037 (0.05)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.044 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



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NY Temperature Narration

June 14, 2016

SDG I.D.: GBN43061

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



NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com Fax: (860) 645-0823

Client Services (860) 645-8726

Customer: Environmental Business Consultants

Address: 1808 Middle Country Road

Ridge, NY 11961

Project: 1346 Boulevard Ave Bronx NY

Report to: Environmental Business Consultants

Invoice to: Environmental Business Consultants

Project P.O.:

This section MUST be completed with Bottle Quantities.

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒

Temp ☒ °C ☐ °F Pg 1 of 1

Contact Options:

Fax: ☐ 631-504-6000
Phone: ☐ 631-504-6000
Email: ☒ info@phoenixlabs.com

Client Sample - Information - Identification

Sampler's Signature: Thomas Gallab Date: 5-26-16

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
43061	B1(4-5')	S	5-26-16	
43062	B2(1-3')	S		
43063	B3(3-5')	S		
43064	B4(3-5')	S		
43065	B5(0-2')	S		
43066	B5(5-7')	S		
43067	B10(6-8')	S	5-26-16	

Analysis Request

NOV-8-2016 CP-51
S-7 WA V-1 S H-20
GL S-1 Container (Methanol) 100ml
GL S-1 Container (H₂O) 100ml
GL Amber 1000ml (HCl) 100ml
PL H₂SO₄ (250ml) 150ml
PL HNO₃ 250ml 150ml
Bacteria Bottle

Relinquished by: *Thomas Gallab*

Accepted by: *Thomas Gallab*

Date: 5-27-16

Time: 9:01

Turnaround:

NY

Data Format

☐ 1 Day*	☐ Res. Criteria	☐ NY 375 GWP	☐ Phoenix Std Report
☐ 2 Days*	☐ Non-Res. Criteria	☒ NY 375 Unrestricted Use Soil	☒ Excel
☐ 3 Days*	☐ Impact to GW Soil Cleanup Criteria	☒ NY 375 Residential Soil	☒ PDF
☒ 5 Days	☐ GW Criteria	☒ Restricted/Residential Commercial Industrial	☒ GIS/Key
☐ 10 Days			☒ EQUIS
☐ Other			☐ NJ Hazsite EDD
* SURCHARGE APPLIES			☒ NY EZ EDD (ASP)

Comments, Special Requirements or Regulations:

NY

State where samples were collected:

Data Package

☐ NJ Reduced Deliv.*
☒ NY Enhanced (ASP B)*
☐ Other



Monday, June 20, 2016

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

Project ID: 1346 BLONDELL AVE BRONX
Sample ID#s: BN43073 - BN43077

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

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 1346 BLONDELL AVE BRONX
Laboratory Project: GBN43073



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

June 20, 2016

SDG I.D.: GBN43073

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 3545A.

Mercury Prep

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

Metals

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

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

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

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B1 (0-2)	BN43073	SOLID
B2 (0-2)	BN43074	SOLID
B4 (0-2)	BN43075	SOLID
B6 (1-3)	BN43076	SOLID
B10 (0-2)	BN43077	SOLID



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NY Analytical Services Protocol Format

June 20, 2016

SDG I.D.: GBN43073

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN43073	Arsenic	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Barium	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Cadmium	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Chromium	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Lead	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Mercury	05/26/16	05/31/16	05/31/16	RS	Y
BN43073	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43073	Pesticides - Soil	05/26/16	05/27/16	05/31/16	CE	Y
BN43073	Polychlorinated Biphenyls	05/26/16	05/27/16	05/31/16	AW	Y
BN43073	Selenium	05/26/16	05/27/16	05/29/16	LK	Y
BN43073	Silver	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Arsenic	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Barium	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Cadmium	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Chromium	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Lead	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Mercury	05/26/16	05/31/16	05/31/16	RS	Y
BN43074	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43074	Pesticides - Soil	05/26/16	05/27/16	06/01/16	CE	Y
BN43074	Polychlorinated Biphenyls	05/26/16	05/27/16	05/31/16	AW	Y
BN43074	Selenium	05/26/16	05/27/16	05/29/16	LK	Y
BN43074	Silver	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Arsenic	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Barium	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Cadmium	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Chromium	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Lead	05/26/16	05/27/16	05/29/16	LK	Y
BN43075	Mercury	05/26/16	05/31/16	05/31/16	RS	Y
BN43075	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43075	Pesticides - Soil	05/26/16	05/27/16	06/01/16	CE	Y
BN43075	Polychlorinated Biphenyls	05/26/16	05/27/16	05/31/16	AW	Y
BN43075	Selenium	05/26/16	05/27/16	05/29/16	LK	Y



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NY Analytical Services Protocol Format

June 20, 2016

SDG I.D.: GBN43073

Environmental Business Consultants 1346 BLONDELL AVE BRONX

BN43075	Silver	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Arsenic	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Barium	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Cadmium	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Chromium	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Lead	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Mercury	05/26/16	05/31/16	05/31/16	RS	Y
BN43076	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43076	Pesticides - Soil	05/26/16	05/27/16	06/01/16	CE	Y
BN43076	Polychlorinated Biphenyls	05/26/16	05/27/16	05/31/16	AW	Y
BN43076	Selenium	05/26/16	05/27/16	05/29/16	LK	Y
BN43076	Silver	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Arsenic	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Barium	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Cadmium	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Chromium	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Lead	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Mercury	05/26/16	05/31/16	05/31/16	RS	Y
BN43077	Percent Solid	05/26/16	05/27/16	05/27/16	W	Y
BN43077	Pesticides - Soil	05/26/16	05/27/16	06/01/16	CE	Y
BN43077	Polychlorinated Biphenyls	05/26/16	05/27/16	06/01/16	AW	Y
BN43077	Selenium	05/26/16	05/27/16	05/29/16	LK	Y
BN43077	Silver	05/26/16	05/27/16	05/29/16	LK	Y



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SDG Comments

June 20, 2016

SDG I.D.: GBN43073

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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



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Analysis Report

June 20, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43073
Phoenix ID: BN43073

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B1 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.39	0.39	mg/Kg	1	05/29/16	LK	SW6010C
Arsenic	6.7	0.8	0.78	mg/Kg	1	05/29/16	LK	SW6010C
Barium	268	* 0.8	0.39	mg/Kg	1	05/29/16	LK	SW6010C
Cadmium	2.30	0.39	0.16	mg/Kg	1	05/29/16	LK	SW6010C
Chromium	34.8	0.39	0.39	mg/Kg	1	05/29/16	LK	SW6010C
Mercury	0.25	0.03	0.02	mg/Kg	1	05/31/16	RS	SW7471B
Lead	700	* 7.8	3.9	mg/Kg	10	05/29/16	LK	SW6010C
Selenium	ND	1.6	1.3	mg/Kg	1	05/29/16	LK	SW6010C
Percent Solid	87			%		05/27/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					05/27/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					05/27/16	NC/V	SW3545A
Mercury Digestion	Completed					05/31/16	W/W	SW7471B
Total Metals Digest	Completed					05/27/16	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1221	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1232	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1242	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1248	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1254	210	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1260	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1262	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1268	ND	75	75	ug/Kg	2	05/31/16	AW	SW8082A

QA/QC Surrogates

% DCBP	74		%	2	05/31/16	AW	40 - 140 %
% TCMX	66		%	2	05/31/16	AW	40 - 140 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	05/31/16	CE	SW8081B
4,4' -DDE	ND	4.0	4.0	ug/Kg	2	05/31/16	CE	SW8081B
4,4' -DDT	ND	15	15	ug/Kg	2	05/31/16	CE	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	05/31/16	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	05/31/16	CE	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	05/31/16	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Dieldrin	ND	5.0	5.0	ug/Kg	2	05/31/16	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Endrin aldehyde	ND	10	10	ug/Kg	2	05/31/16	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	05/31/16	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	05/31/16	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	05/31/16	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	05/31/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	05/31/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	66			%	2	05/31/16	CE	40 - 140 %
% TCMX	57			%	2	05/31/16	CE	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

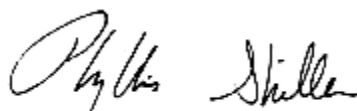
Pesticide Comment:

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.

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Phyllis Shiller, Laboratory Director

June 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 20, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

05/27/16 15:08

Laboratory Data

SDG ID: GBN43073
Phoenix ID: BN43074

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B2 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.34	0.34	mg/Kg	1	05/29/16	LK	SW6010C
Arsenic	4.5	0.7	0.69	mg/Kg	1	05/29/16	LK	SW6010C
Barium	77.1	* 0.7	0.34	mg/Kg	1	05/29/16	LK	SW6010C
Cadmium	1.19	0.34	0.14	mg/Kg	1	05/29/16	LK	SW6010C
Chromium	22.1	0.34	0.34	mg/Kg	1	05/29/16	LK	SW6010C
Mercury	0.05	0.03	0.02	mg/Kg	1	05/31/16	RS	SW7471B
Lead	104	* 0.7	0.34	mg/Kg	1	05/29/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	05/29/16	LK	SW6010C
Percent Solid	93			%		05/27/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					05/27/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					05/27/16	NC/V	SW3545A
Mercury Digestion	Completed					05/31/16	W/W	SW7471B
Total Metals Digest	Completed					05/27/16	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1221	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1232	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1242	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1248	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1254	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1260	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1262	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1268	ND	70	70	ug/Kg	2	05/31/16	AW	SW8082A

QA/QC Surrogates

% DCBP	98		%	2	05/31/16	AW	40 - 140 %
% TCMX	71		%	2	05/31/16	AW	40 - 140 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.8	2.8	ug/Kg	2	06/01/16	C/P	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	06/01/16	C/P	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	06/01/16	C/P	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	06/01/16	C/P	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	06/01/16	C/P	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Chlordane	ND	35	35	ug/Kg	2	06/01/16	C/P	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	06/01/16	C/P	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Endrin aldehyde	ND	15	15	ug/Kg	2	06/01/16	C/P	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	06/01/16	C/P	SW8081B
g-Chlordane	ND	10	10	ug/Kg	2	06/01/16	C/P	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	06/01/16	C/P	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	06/01/16	C/P	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	06/01/16	C/P	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	69			%	2	06/01/16	C/P	40 - 140 %
% TCMX	82			%	2	06/01/16	C/P	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

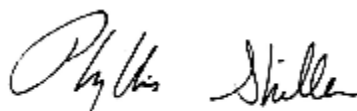
Pesticide Comment:

Sample was evaluated against an external standard.

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

June 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 20, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43073
Phoenix ID: BN43075

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B4 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.36	0.36	mg/Kg	1	05/29/16	LK	SW6010C
Arsenic	3.6	0.7	0.72	mg/Kg	1	05/29/16	LK	SW6010C
Barium	96.9	* 0.7	0.36	mg/Kg	1	05/29/16	LK	SW6010C
Cadmium	0.74	0.36	0.14	mg/Kg	1	05/29/16	LK	SW6010C
Chromium	22.3	0.36	0.36	mg/Kg	1	05/29/16	LK	SW6010C
Mercury	0.06	0.03	0.02	mg/Kg	1	05/31/16	RS	SW7471B
Lead	103	* 0.7	0.36	mg/Kg	1	05/29/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	05/29/16	LK	SW6010C
Percent Solid	93			%		05/27/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					05/27/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					05/27/16	NC/V	SW3545A
Mercury Digestion	Completed					05/31/16	W/W	SW7471B
Total Metals Digest	Completed					05/27/16	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	05/31/16	AW	SW8082A

QA/QC Surrogates

% DCBP	78		%	2	05/31/16	AW	40 - 140 %
% TCMX	70		%	2	05/31/16	AW	40 - 140 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	06/01/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	06/01/16	CE	SW8081B
4,4' -DDT	ND	3.0	3.0	ug/Kg	2	06/01/16	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
a-Chlordane	ND	5.0	5.0	ug/Kg	2	06/01/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	06/01/16	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Chlordane	ND	200	200	ug/Kg	2	06/01/16	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	06/01/16	CE	SW8081B
g-Chlordane	ND	10	10	ug/Kg	2	06/01/16	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	06/01/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	06/01/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	06/01/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	85			%	2	06/01/16	CE	40 - 140 %
% TCMX	59			%	2	06/01/16	CE	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

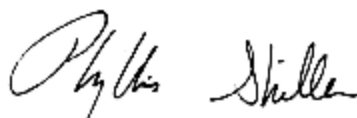
Pesticide Comment:

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.

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Phyllis Shiller, Laboratory Director

June 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 20, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43073
Phoenix ID: BN43076

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B6 (1-3)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.33	0.33	mg/Kg	1	05/29/16	LK	SW6010C
Arsenic	5.8	0.7	0.65	mg/Kg	1	05/29/16	LK	SW6010C
Barium	159 *	0.7	0.33	mg/Kg	1	05/29/16	LK	SW6010C
Cadmium	0.87	0.33	0.13	mg/Kg	1	05/29/16	LK	SW6010C
Chromium	23.0	0.33	0.33	mg/Kg	1	05/29/16	LK	SW6010C
Mercury	0.19	0.03	0.02	mg/Kg	1	05/31/16	RS	SW7471B
Lead	210 *	6.5	3.3	mg/Kg	10	05/29/16	LK	SW6010C
Selenium	ND	1.3	1.1	mg/Kg	1	05/29/16	LK	SW6010C
Percent Solid	91			%		05/27/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					05/27/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					05/27/16	NC/V	SW3545A
Mercury Digestion	Completed					05/31/16	W/W	SW7471B
Total Metals Digest	Completed					05/27/16	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1221	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1232	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1242	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1248	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1254	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1260	110	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1262	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A
PCB-1268	ND	72	72	ug/Kg	2	05/31/16	AW	SW8082A

QA/QC Surrogates

% DCBP	58			%	2	05/31/16	AW	40 - 140 %
% TCMX	67			%	2	05/31/16	AW	40 - 140 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	3.0	3.0	ug/Kg	2	06/01/16	CE	SW8081B
4,4' -DDE	ND	5.0	5.0	ug/Kg	2	06/01/16	CE	SW8081B
4,4' -DDT	ND	10	10	ug/Kg	2	06/01/16	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	06/01/16	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	06/01/16	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	06/01/16	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	06/01/16	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	06/01/16	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	06/01/16	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	06/01/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	06/01/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	70			%	2	06/01/16	CE	40 - 140 %
% TCMX	59			%	2	06/01/16	CE	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

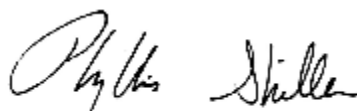
Pesticide Comment:

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.

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Phyllis Shiller, Laboratory Director

June 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

June 20, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43073
Phoenix ID: BN43077

Project ID: 1346 BLONDELL AVE BRONX
Client ID: B10 (0-2)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND	0.35	0.35	mg/Kg	1	05/29/16	LK	SW6010C
Arsenic	4.4	0.7	0.70	mg/Kg	1	05/29/16	LK	SW6010C
Barium	92.5	* 0.7	0.35	mg/Kg	1	05/29/16	LK	SW6010C
Cadmium	0.97	0.35	0.14	mg/Kg	1	05/29/16	LK	SW6010C
Chromium	23.1	0.35	0.35	mg/Kg	1	05/29/16	LK	SW6010C
Mercury	0.09	0.03	0.02	mg/Kg	1	05/31/16	RS	SW7471B
Lead	111	* 0.7	0.35	mg/Kg	1	05/29/16	LK	SW6010C
Selenium	ND	1.4	1.2	mg/Kg	1	05/29/16	LK	SW6010C
Percent Solid	93			%		05/27/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					05/27/16	NC/V	SW3545A
Soil Extraction for Pest	Completed					05/27/16	NC/V	SW3545A
Mercury Digestion	Completed					05/31/16	W/W	SW7471B
Total Metals Digest	Completed					05/27/16	G/AG	SW3050B

Polychlorinated Biphenyls

PCB-1016	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1221	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1232	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1242	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1248	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1254	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1260	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1262	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A
PCB-1268	ND	71	71	ug/Kg	2	06/01/16	AW	SW8082A

QA/QC Surrogates

% DCBP	69		%	2	06/01/16	AW	40 - 140 %
% TCMX	67		%	2	06/01/16	AW	40 - 140 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	21	21	ug/Kg	20	06/01/16	CE	SW8081B
4,4' -DDE	ND	21	21	ug/Kg	20	06/01/16	CE	SW8081B
4,4' -DDT	ND	21	21	ug/Kg	20	06/01/16	CE	SW8081B
a-BHC	ND	18	18	ug/Kg	20	06/01/16	CE	SW8081B
a-Chlordane	ND	36	36	ug/Kg	20	06/01/16	CE	SW8081B
Aldrin	ND	18	18	ug/Kg	20	06/01/16	CE	SW8081B
b-BHC	ND	18	18	ug/Kg	20	06/01/16	CE	SW8081B
Chlordane	ND	360	360	ug/Kg	20	06/01/16	CE	SW8081B
d-BHC	ND	18	18	ug/Kg	20	06/01/16	CE	SW8081B
Dieldrin	ND	11	11	ug/Kg	20	06/01/16	CE	SW8081B
Endosulfan I	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
Endosulfan II	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
Endosulfan sulfate	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
Endrin	ND	36	36	ug/Kg	20	06/01/16	CE	SW8081B
Endrin aldehyde	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
Endrin ketone	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
g-BHC	ND	14	14	ug/Kg	20	06/01/16	CE	SW8081B
g-Chlordane	ND	36	36	ug/Kg	20	06/01/16	CE	SW8081B
Heptachlor	ND	36	36	ug/Kg	20	06/01/16	CE	SW8081B
Heptachlor epoxide	ND	71	71	ug/Kg	20	06/01/16	CE	SW8081B
Methoxychlor	ND	360	360	ug/Kg	20	06/01/16	CE	SW8081B
Toxaphene	ND	1400	1400	ug/Kg	20	06/01/16	CE	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	Diluted Out			%	20	06/01/16	CE	40 - 140 %
% TCMX	Diluted Out			%	20	06/01/16	CE	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

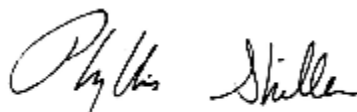
Comments:

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

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

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

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Phyllis Shiller, Laboratory Director

June 20, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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



QA/QC Report

June 20, 2016

QA/QC Data

SDG I.D.: GBN43073

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 347231 (mg/kg), QC Sample No: BN40574 (BN43073, BN43074, BN43075, BN43076, BN43077)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	101	103	2.0	99.5			75 - 125	30
QA/QC Batch 347138 (mg/kg), QC Sample No: BN43055 (BN43073, BN43074, BN43075, BN43076, BN43077)													
<u>ICP Metals - Soil</u>													
Arsenic	BRL	0.66	2.5	2.32	NC	96.4			95.8			80 - 120	30
Barium	BRL	0.33	43.1	101	80.4	101			114			80 - 120	30 r
Cadmium	BRL	0.33	<0.37	<0.33	NC	98.3			95.3			80 - 120	30
Chromium	BRL	0.33	15.0	15.0	0	100			99.9			80 - 120	30
Lead	BRL	0.33	40.7	171	123	92.9			91.7			80 - 120	30 r
Selenium	BRL	1.3	<1.5	<1.3	NC	90.6			89.3			80 - 120	30
Silver	BRL	0.33	<0.37	<0.33	NC	93.2			95.6			70 - 130	30

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

June 20, 2016

QA/QC Data

SDG I.D.: GBN43073

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 347110 (ug/Kg), QC Sample No: BN43055 2X (BN43073, BN43074, BN43075, BN43076, BN43077)										
Pesticides - Solid										
4,4' -DDD	ND	1.7	90	93	3.3	103	106	2.9	40 - 140	30
4,4' -DDE	ND	1.7	85	90	5.7	101	102	1.0	40 - 140	30
4,4' -DDT	ND	1.7	96	96	0.0	112	115	2.6	40 - 140	30
a-BHC	ND	1.0	76	82	7.6	80	88	9.5	40 - 140	30
a-Chlordane	ND	3.3	76	81	6.4	89	90	1.1	40 - 140	30
Aldrin	ND	1.0	77	83	7.5	87	90	3.4	40 - 140	30
b-BHC	ND	1.0	88	88	0.0	97	102	5.0	40 - 140	30
Chlordane	ND	33	82	86	4.8	80	84	4.9	40 - 140	30
d-BHC	ND	3.3	81	85	4.8	99	99	0.0	40 - 140	30
Dieldrin	ND	1.0	85	90	5.7	99	99	0.0	40 - 140	30
Endosulfan I	ND	3.3	86	93	7.8	100	102	2.0	40 - 140	30
Endosulfan II	ND	3.3	92	94	2.2	103	107	3.8	40 - 140	30
Endosulfan sulfate	ND	3.3	83	88	5.8	89	88	1.1	40 - 140	30
Endrin	ND	3.3	83	89	7.0	100	99	1.0	40 - 140	30
Endrin aldehyde	ND	3.3	76	73	4.0	90	86	4.5	40 - 140	30
Endrin ketone	ND	3.3	89	90	1.1	96	97	1.0	40 - 140	30
g-BHC	ND	1.0	80	80	0.0	88	94	6.6	40 - 140	30
g-Chlordane	ND	3.3	82	86	4.8	80	84	4.9	40 - 140	30
Heptachlor	ND	3.3	87	94	7.7	110	108	1.8	40 - 140	30
Heptachlor epoxide	ND	3.3	85	88	3.5	93	97	4.2	40 - 140	30
Methoxychlor	ND	3.3	86	86	0.0	93	95	2.1	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	90	%	91	93	2.2	102	98	4.0	40 - 140	30
% TCMX	74	%	68	76	11.1	65	72	10.2	40 - 140	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 347128 (ug/Kg), QC Sample No: BN43055 2X (BN43073, BN43074, BN43075, BN43076, BN43077)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	76	79	3.9	78	82	5.0	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	82	93	12.6	82	92	11.5	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	91	%	80	96	18.2	82	90	9.3	40 - 140	30
% TCMX (Surrogate Rec)	76	%	68	71	4.3	70	74	5.6	40 - 140	30

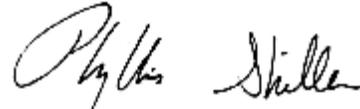
QA/QC Data

SDG I.D.: GBN43073

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

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

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



Phyllis Shiller, Laboratory Director
June 20, 2016

Sample Criteria Exceedences Report

Criteria: NY: 375, 375GWP, 375RRS, 375RS

GBN43073 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43073	\$PCB_SMRDP	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	210	75	100	100	ug/Kg
BN43073	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	4.0	3.3	3.3	ug/Kg
BN43073	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	15	3.3	3.3	ug/Kg
BN43073	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.8	0.39	30		mg/Kg
BN43073	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.03	0.18	0.18	mg/Kg
BN43073	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	700	7.8	450	450	mg/Kg
BN43073	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	700	7.8	400	400	mg/Kg
BN43073	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	700	7.8	400	400	mg/Kg
BN43073	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	700	7.8	63	63	mg/Kg
BN43074	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	104	0.7	63	63	mg/Kg
BN43075	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	103	0.7	63	63	mg/Kg
BN43076	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	72	100	100	ug/Kg
BN43076	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	3.3	3.3	ug/Kg
BN43076	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	5.0	3.3	3.3	ug/Kg
BN43076	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.03	0.18	0.18	mg/Kg
BN43076	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	210	6.5	63	63	mg/Kg
BN43077	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	ug/Kg
BN43077	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	ug/Kg
BN43077	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	ug/Kg
BN43077	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	5	5	ug/Kg
BN43077	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	5	5	ug/Kg
BN43077	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	36	14	14	ug/Kg
BN43077	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.7	63	63	mg/Kg

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



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Analysis Comments

June 20, 2016

SDG I.D.: GBN43073

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PEST Narration

AU-ECD35 05/31/16-1: BN43073

The following Continuing Calibration compounds did not meet % deviation criteria:

Samples: BN43073

Preceding CC 531A019 - None.

Succeeding CC 531A031 - % DCBP 19%L (15%), Endrin aldehyde 16%L (15%), g-BHC 18%L (15%)

A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD35 06/01/16-1: BN43074, BN43075, BN43076, BN43077

The following Continuing Calibration compounds did not meet % deviation criteria:

Samples: BN43074, BN43075, BN43076, BN43077

Preceding CC 601A004 - None.

Succeeding CC 601A015 - % DCBP 21%L (15%), 4,4'-DDT 20%L (15%), a-Chlordane 16%L (15%), Endosulfan II 24%L (15%), Endrin aldehyde 22%L (15%)

A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.



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NY Temperature Narration

June 20, 2016

SDG I.D.: GBN43073

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



Monday, June 06, 2016

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

Project ID: 1346 BLONDELL AVE BRONX
Sample ID#s: BN43068 - BN43072

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

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

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

**Client: Environmental Business Consultants
Project: 1346 BLONDELL AVE BRONX
Laboratory Project: GBN43068**



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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NY Analytical Services Protocol Format

June 06, 2016

SDG I.D.: GBN43068

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Methodology Summary

Volatiles

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update V, Method 8260C and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
GW 1	BN43068	GROUND WATER
GW 2	BN43069	GROUND WATER
GW 3	BN43070	GROUND WATER
GW 4	BN43071	GROUND WATER
GW 5	BN43072	GROUND WATER



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

June 06, 2016

SDG I.D.: GBN43068

Environmental Business Consultants 1346 BLONDELL AVE BRONX

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BN43068	Volatiles	05/26/16	05/27/16	05/27/16	MH	Y
BN43069	Volatiles	05/26/16	05/28/16	05/28/16	MH	Y
BN43070	Volatiles	05/26/16	05/27/16	05/27/16	MH	Y
BN43071	Volatiles	05/26/16	05/27/16	05/27/16	MH	Y
BN43072	Volatiles	05/26/16	05/27/16	05/27/16	MH	Y



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



SDG Comments

June 06, 2016

SDG I.D.: GBN43068

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

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/ECD to achieve this criteria.

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Analysis Report

June 06, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43068
Phoenix ID: BN43068

Project ID: 1346 BLONDELL AVE BRONX
Client ID: GW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trimethylbenzene	0.36	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C

Client ID: GW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	4.1	JS 5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Benzene	0.28	J 0.70	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon Disulfide	0.30	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,2-Dichloroethene	6.0	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/27/16	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Methyl t-butyl ether (MTBE)	8.1	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	05/27/16	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	05/27/16	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Vinyl chloride	0.81	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	05/27/16	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	05/27/16	MH	70 - 130 %
% Dibromofluoromethane	93			%	1	05/27/16	MH	70 - 130 %

1

Client ID: GW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	05/27/16	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

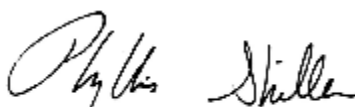
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 06, 2016

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

Analysis Report

June 06, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43068
Phoenix ID: BN43069

Project ID: 1346 BLONDELL AVE BRONX
Client ID: GW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trimethylbenzene	7.5	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3,5-Trimethylbenzene	4.4	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
2-Isopropyltoluene	1.1	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C

Client ID: GW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	7.0	S 5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Benzene	19	0.70	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon Disulfide	0.32	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Ethylbenzene	7.1	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/27/16	MH	SW8260C
Isopropylbenzene	35	D 10	2.5	ug/L	10	05/28/16	MH	SW8260C
m&p-Xylene	19	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Methyl t-butyl ether (MTBE)	12	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	05/27/16	MH	SW8260C
Naphthalene	3.9	1.0	1.0	ug/L	1	05/27/16	MH	SW8260C
n-Butylbenzene	2.0	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
n-Propylbenzene	51	D 10	2.5	ug/L	10	05/28/16	MH	SW8260C
o-Xylene	4.7	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
sec-Butylbenzene	3.1	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
tert-Butylbenzene	0.27	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Toluene	6.4	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	05/27/16	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	05/27/16	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	05/27/16	MH	70 - 130 %

1

Client ID: GW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	05/27/16	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 06, 2016

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



Analysis Report

June 06, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43068
Phoenix ID: BN43070

Project ID: 1346 BLONDELL AVE BRONX
Client ID: GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C

Client ID: GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	2.9	JS 5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroform	0.51	J 5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/27/16	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.5	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	05/27/16	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	05/27/16	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	05/27/16	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	05/27/16	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	05/27/16	MH	70 - 130 %

1

Client ID: GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	05/27/16	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 06, 2016

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



Analysis Report

June 06, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43068
Phoenix ID: BN43071

Project ID: 1346 BLONDELL AVE BRONX
Client ID: GW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	05/27/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C

Client ID: GW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	6.4	S 5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon Disulfide	0.25	J 1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	05/27/16	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	05/27/16	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	05/27/16	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	05/27/16	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	05/27/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	05/27/16	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	05/27/16	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	05/27/16	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	05/27/16	MH	70 - 130 %
% Dibromofluoromethane	98			%	1	05/27/16	MH	70 - 130 %

1

Client ID: GW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	05/27/16	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

June 06, 2016

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

Analysis Report

June 06, 2016

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

Sample Information

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

Custody Information

Collected by: TG
Received by: SW
Analyzed by: see "By" below

Date

05/26/16

Time

15:08

Laboratory Data

SDG ID: GBN43068
Phoenix ID: BN43072

Project ID: 1346 BLONDELL AVE BRONX
Client ID: GW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	05/27/16	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,2-Dichloroethane	ND	0.6	1.0	ug/L	2	05/27/16	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C

Client ID: GW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	8.8	JS 10	5.0	ug/L	2	05/27/16	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C
Benzene	ND	0.7	0.50	ug/L	2	05/27/16	MH	SW8260C
Bromobenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	05/27/16	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Chloroethane	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Chloroform	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Chloromethane	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	05/27/16	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Hexachlorobutadiene	ND	0.5	0.40	ug/L	2	05/27/16	MH	SW8260C
Isopropylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C
Methyl t-butyl ether (MTBE)	14	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	05/27/16	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	05/27/16	MH	SW8260C
n-Butylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
n-Propylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
p-Isopropyltoluene	3.0	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	05/27/16	MH	SW8260C
Toluene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	05/27/16	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.4	0.50	ug/L	2	05/27/16	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	05/27/16	MH	SW8260C
Trichloroethene	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	05/27/16	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	2	05/27/16	MH	70 - 130 %
% Bromofluorobenzene	95			%	2	05/27/16	MH	70 - 130 %
% Dibromofluoromethane	96			%	2	05/27/16	MH	70 - 130 %

1

Client ID: GW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	2	05/27/16	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

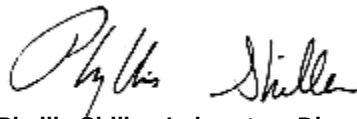
Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

S - Laboratory solvent, contamination is possible.

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

June 06, 2016

Reviewed and Released by: Ethan Lee, Project Manager



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



QA/QC Report

June 06, 2016

QA/QC Data

SDG I.D.: GBN43068

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 347258 (ug/L), QC Sample No: BN43068 (BN43068, BN43069, BN43070, BN43071, BN43072 (2X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	108	130	18.5				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	103	123	17.7				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	103	130	23.2				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	96	124	25.5				70 - 130	30
1,1-Dichloroethane	ND	1.0	104	125	18.3				70 - 130	30
1,1-Dichloroethene	ND	1.0	106	125	16.5				70 - 130	30
1,1-Dichloropropene	ND	1.0	108	125	14.6				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	107	140	26.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	99	127	24.8				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	106	132	21.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	108	123	13.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	99	131	27.8				70 - 130	30
1,2-Dibromoethane	ND	1.0	103	128	21.6				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	106	126	17.2				70 - 130	30
1,2-Dichloroethane	ND	1.0	97	124	24.4				70 - 130	30
1,2-Dichloropropane	ND	1.0	100	122	19.8				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	107	122	13.1				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	108	125	14.6				70 - 130	30
1,3-Dichloropropane	ND	1.0	104	127	19.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	107	124	14.7				70 - 130	30
2,2-Dichloropropane	ND	1.0	105	124	16.6				70 - 130	30
2-Chlorotoluene	ND	1.0	108	123	13.0				70 - 130	30
2-Hexanone	ND	5.0	84	113	29.4				70 - 130	30
2-Isopropyltoluene	ND	1.0	97	113	15.2				70 - 130	30
4-Chlorotoluene	ND	1.0	106	120	12.4				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	82	115	33.5				70 - 130	30
Acetone	ND	5.0	78	106	30.4				70 - 130	30
Acrolein	ND	5.0	85	114	29.1				70 - 130	30
Acrylonitrile	ND	5.0	93	126	30.1				70 - 130	30
Benzene	ND	0.70	104	124	17.5				70 - 130	30
Bromobenzene	ND	1.0	108	125	14.6				70 - 130	30
Bromochloromethane	ND	1.0	101	130	25.1				70 - 130	30
Bromodichloromethane	ND	0.50	101	127	22.8				70 - 130	30
Bromoform	ND	1.0	104	132	23.7				70 - 130	30
Bromomethane	ND	1.0	74	92	21.7				70 - 130	30
Carbon Disulfide	ND	1.0	99	116	15.8				70 - 130	30
Carbon tetrachloride	ND	1.0	102	122	17.9				70 - 130	30
Chlorobenzene	ND	1.0	105	125	17.4				70 - 130	30
Chloroethane	ND	1.0	73	85	15.2				70 - 130	30
Chloroform	ND	1.0	101	124	20.4				70 - 130	30
Chloromethane	ND	1.0	73	87	17.5				70 - 130	30

QA/QC Data

SDG I.D.: GBN43068

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	101	124	20.4				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	96	121	23.0				70 - 130	30
Dibromochloromethane	ND	0.50	105	131	22.0				70 - 130	30
Dibromomethane	ND	1.0	97	123	23.6				70 - 130	30
Dichlorodifluoromethane	ND	1.0	58	66	12.9				70 - 130	30
Ethylbenzene	ND	1.0	110	127	14.3				70 - 130	30
Hexachlorobutadiene	ND	0.40	108	124	13.8				70 - 130	30
Isopropylbenzene	ND	1.0	106	120	12.4				70 - 130	30
m&p-Xylene	ND	1.0	108	126	15.4				70 - 130	30
Methyl ethyl ketone	ND	5.0	87	117	29.4				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	129	30.4				70 - 130	30
Methylene chloride	ND	1.0	102	127	21.8				70 - 130	30
Naphthalene	ND	1.0	109	144	27.7				70 - 130	30
n-Butylbenzene	ND	1.0	102	121	17.0				70 - 130	30
n-Propylbenzene	ND	1.0	103	118	13.6				70 - 130	30
o-Xylene	ND	1.0	109	127	15.3				70 - 130	30
p-Isopropyltoluene	ND	1.0	105	124	16.6				70 - 130	30
sec-Butylbenzene	ND	1.0	104	121	15.1				70 - 130	30
Styrene	ND	1.0	110	129	15.9				70 - 130	30
tert-Butylbenzene	ND	1.0	103	117	12.7				70 - 130	30
Tetrachloroethene	ND	1.0	103	124	18.5				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	84	119	34.5				70 - 130	30
Toluene	ND	1.0	101	122	18.8				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	105	126	18.2				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	96	125	26.2				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	98	125	24.2				70 - 130	30
Trichloroethene	ND	1.0	106	125	16.5				70 - 130	30
Trichlorofluoromethane	ND	1.0	67	77	13.9				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	94	109	14.8				70 - 130	30
Vinyl chloride	ND	1.0	65	76	15.6				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	101	3.0				70 - 130	30
% Bromofluorobenzene	96	%	99	101	2.0				70 - 130	30
% Dibromofluoromethane	98	%	92	100	8.3				70 - 130	30
% Toluene-d8	99	%	99	99	0.0				70 - 130	30

Comment:

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

QA/QC Batch 347285 (ug/L), QC Sample No: BN43069 (BN43069 (10X))

Volatiles - Ground Water

Isopropylbenzene	ND	1.0	116	116	0.0				70 - 130	30
n-Propylbenzene	ND	1.0	113	114	0.9				70 - 130	30

Comment:

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

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

r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GBN43068

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

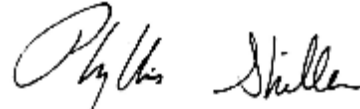
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
June 06, 2016

Sample Criteria Exceedences Report

GBN43068 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN43068	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43068	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN43068	\$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	6.0	1.0	5	5	ug/L
BN43068	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43069	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	19	0.70	0.7	0.7	ug/L
BN43069	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	19	0.70	1	1	ug/L
BN43069	\$8260DP25R	Toluene	NY / TAGM - Volatile Organics / Groundwater Standards	6.4	1.0	5	5	ug/L
BN43069	\$8260DP25R	Toluene	NY / TOGS - Water Quality / GA Criteria	6.4	1.0	5	5	ug/L
BN43069	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN43069	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	7.1	1.0	5	5	ug/L
BN43069	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.1	1.0	5	5	ug/L
BN43069	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	35	10	5	5	ug/L
BN43069	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43069	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	51	10	5	5	ug/L
BN43069	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.5	1.0	5	5	ug/L
BN43069	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43070	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43070	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43070	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN43071	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43071	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN43071	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN43072	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BN43072	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BN43072	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L

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



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NY Temperature Narration

June 06, 2016

SDG I.D.: GBN43068

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



NY/NJ CHAIN OF CUSTODY RECORD

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

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

Project: 1346 Blauvelt Ave, Bronx NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Fax: _____
Phone: 631-504-6000
Email: CSOSIK@phoenixlabs.com

Project P.O.:

This section MUST be completed with Bottle Quantities.

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒
Temp 1 °C Pg 1 of 1

Contact Options:

Client Sample - Information - Identification		Analysis Request		
Sampler's Signature	Thomas Gallo	Date	5-26-16	
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
43068	GW1	GW	5-26-16	
43069	GW2	GW	5-26	
43070	GW3	GW	5-26	
43071	GW4	GW	5-26	
43072	GW5	GW	5-26-16	
Analysis Request: VOCs, PCBs				
Soil VOA Vials: 1 methanol 1 H ₂ O				
GL Soil container (oz)				
GL Amber 1000ml [As] [HCl]				
PL As [As] [250ml] [1500ml]				
PL H ₂ SO ₄ [250ml] [1500ml]				
PL NaOH 250ml				
Bacteria Bottle				

Relinquished by:	Accepted by:	Date:	Time:
Thomas Gallo	[Signature]	5-27-16	9:14
[Signature]	[Signature]	5-27-16	15:08

Comments, Special Requirements or Regulations:

Turnaround:	NJ	NY	Data Format
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ 5 Days ☐ 10 Days ☐ Other *SURCHARGE APPLIES	☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ GW Criteria	☒ NY 375 GWP ☐ NY375 Unrestricted Use Soil ☐ NY375 Residential Soil ☐ Restricted/Residential Commercial ☐ Industrial	☐ Phoenix Std Report ☒ Excel ☒ PDF ☐ GIS/Key ☒ EQUIS ☐ NJ Hazsite EDD ☒ NY EZ EDD (ASP) ☐ Other

State where samples were collected: NY

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