

Table 2-1
Soil Cleanup Objectives for the Project
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

6NYCRR Part 375 Soil Cleanup Objectives (SCOs)

	CAS Number	Protection of Public Health for Restricted Residential Use (ppm)	Protection of Groundwater (ppm)
Metals			
Arsenic	7440-38-2	16	16
Barium	7440-39-3	400	820
Beryllium	7440-41-7	72	47
Cadmium	7440-43-9	4.3	7.5
Chromium, hexavalent	18540-29-9	110	19
Chromium, trivalent	16065-83-1	180	NS
Copper	7440-50-8	270	1,720
Total Cyanide		27	40
Lead	7439-92-1	400	450
Manganese	7439-96-5	2,000	2,000
Total Mercury		0.81	0.73
Nickel	7440-02-0	310	130
Selenium	7782-49-2	180	4
Silver	7440-22-4	180	8.3
Zinc	7440-66-6	10,000	2,480
PCBs/Pesticides			
2,4,5-TP Acid (Silvex)	93-72-1	100	3.8
4,4'-DDE	72-55-9	8.9	17
4,4'-DDT	50-29-3	7.9	136
4,4'-DDD	72-54-8	13	14
Aldrin	309-00-2	0.097	0.19
alpha-BHC	319-84-6	0.48	0.02
beta-BHC	319-85-7	0.36	0.09
Chlordane (alpha)	5103-71-9	4.2	2.9
delta-BHC	319-86-8	100	0.25
Dibenzofuran	132-64-9	59	210
Dieldrin	60-57-1	0.2	0.1
Endosulfan I	959-98-8	24	102
Endosulfan II	33213-65-9	24	102
Endosulfan sulfate	1031-07-8	24	1,000
Endrin	72-20-8	11	0.06
Heptachlor	76-44-8	2.1	0.38
Lindane	58-89-9	1.3	0.1
Polychlorinated biphenyls	1336-36-3	1	3.2

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	CAS Number	Protection of Public Health for Restricted Residential Use (ppm)	Protection of Groundwater (ppm)
Semivolatiles			
Acenaphthene	83-32-9	100	98
Acenaphthylene	208-96-8	100	107
Anthracene	120-12-7	100	1,000
Benz(a)anthracene	56-55-3	1	1
Benzo(a)pyrene	50-32-8	1	22
Benzo(b)fluoranthene	205-99-2	1	1.7
Benzo(g,h,i)perylene	191-24-2	100	1,000
Benzo(k)fluoranthene	207-08-9	3.9	1.7
Chrysene	218-01-9	3.9	1
Dibenz(a,h)anthracene	53-70-3	0.33	1,000
Fluoranthene	206-44-0	100	1,000
Fluorene	86-73-7	100	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2
m-Cresol	108-39-4	100	0.33
Naphthalene	91-20-3	100	12
o-Cresol	95-48-7	100	0.33
p-Cresol	106-44-5	100	0.33
Pentachlorophenol	87-86-5	6.7	0.8
Phenanthrene	85-01-8	100	1,000
Phenol	108-95-2	100	0.33
Pyrene	129-00-0	100	1,000
Volatiles			
1,1,1-Trichloroethane	71-55-6	100	0.68
1,1-Dichloroethane	75-34-3	26	0.27
1,1-Dichloroethene	75-35-4	100	0.33
1,2-Dichlorobenzene	95-50-1	100	1.1
1,2-Dichloroethane	107-06-2	3.1	0.02
cis-1,2-Dichloroethene	156-59-2	100	0.25
trans-1,2-Dichloroethene	156-60-5	100	0.19
1,3-Dichlorobenzene	541-73-1	49	2.4
1,4-Dichlorobenzene	106-46-7	13	1.8
1,4-Dioxane	123-91-1	13	0.1
Acetone	67-64-1	100	0.05
Benzene	71-43-2	4.8	0.06
Butylbenzene	104-51-8	100	12
Carbon tetrachloride	56-23-5	2.4	0.76
Chlorobenzene	108-90-7	100	1.1
Chloroform	67-66-3	49	0.37

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Volatiles			
Ethylbenzene	100-41-4	41	1
Hexachlorobenzene	118-74-1	1.2	3.2
Methyl ethyl ketone	78-93-3	100	0.12
Methyl tert-butyl ether	1634-04-4	100	0.93
Methylene chloride	75-09-2	100	0.05
n-Propylbenzene	103-65-1	100	3.9
sec-Butylbenzene	135-98-8	100	11
tert-Butylbenzene	98-06-6	100	5.9
Tetrachloroethene	127-18-4	19	1.3
Toluene	108-88-3	100	0.7
Trichloroethene	79-01-6	21	0.47
1,2,4-Trimethylbenzene	95-63-6	52	3.6
1,3,5- Trimethylbenzene	108-67-8	52	8.4
Vinyl chloride	75-01-4	0.9	0.02
Xylene (mixed)	1330-20-7	100	1.6

Table 4-1
Additional Waste Characterization Sampling
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Sample ID:	Units	SS-03	A	B	C	D	E	F	G	H	I
Depth (ft):		0.17-2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0
Date Sampled:		7/31/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012	9/19/2012
Matrix:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Polycyclic Aromatic Hydrocarbons (PAHs)											
Acenaphthene	ug/kg	-	2720	ND (10)	-	-	-	-	-	-	-
Acenaphthylene	ug/kg	-	295	ND (11)	-	-	-	-	-	-	-
Anthracene	ug/kg	-	12200	ND (12)	-	-	-	-	-	-	-
Benzo(a)anthracene	ug/kg	-	26400	23.5 J	-	-	-	-	-	-	-
Benzo(a)pyrene	ug/kg	-	22500	21.4 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	ug/kg	-	22500	18.3 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	ug/kg	-	11800	ND (13)	-	-	-	-	-	-	-
Benzo(k)fluoranthene	ug/kg	-	14400	16.4 J	-	-	-	-	-	-	-
Chrysene	ug/kg	-	22700	22.1 J	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	ug/kg	-	6600	ND (12)	-	-	-	-	-	-	-
Fluoranthene	ug/kg	-	53200	31.4 J	-	-	-	-	-	-	-
Fluorene	ug/kg	-	3100	ND (11)	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	ug/kg	-	12300	ND (12)	-	-	-	-	-	-	-
Naphthalene	ug/kg	-	80.5	ND (9.4)	-	-	-	-	-	-	-
Phenanthrene	ug/kg	-	36400	ND (16)	-	-	-	-	-	-	-
Pyrene	ug/kg	-	54300	35.3	-	-	-	-	-	-	-
Metals & Percent Solids											
Lead	mg/kg	-	-	-	298	87.1	11.8	75.3	44.2	256	202
Solids, Percent	%	-	89.9	96.3	80	90.3	96.3	95	94.7	86.1	86.9
Toxicity Characteristic Leaching Procedure (TCLP) Metals											
Arsenic	ug/L	ND (20)	-	-	-	-	-	-	-	-	-
Barium	ug/L	490	-	-	-	-	-	-	-	-	-
Cadmium	ug/L	3.0 J	-	-	-	-	-	-	-	-	-
Chromium	ug/L	1.6 J	-	-	-	-	-	-	-	-	-
Lead	ug/L	140	-	-	-	-	-	-	-	-	-
Selenium	ug/L	ND (30)	-	-	-	-	-	-	-	-	-
Silver	ug/L	ND (30)	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.051 J	-	-	-	-	-	-	-	-	-

Detected parameter

ND - not detected at specified level

- Not analyzed

J - estimated value

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
1	10/18/12	Clean Earth	CEI-308000085350	58,120	29.06
2	10/18/12	Clean Earth	CEI-308000085351	84,260	42.13
3	10/18/12	Clean Earth	CEI-308000085368	56,540	28.27
4	10/18/12	Clean Earth	CEI-308000085369	55,700	27.85
5	10/19/12	Clean Earth	CEI-308000085361	50,040	25.02
6	10/19/12	Clean Earth	CEI-308000085362	60,560	30.28
7	10/19/12	Clean Earth	CEI-308000085363	58,620	29.31
8	10/19/12	Clean Earth	CEI-308000085364	55,180	27.59
9	10/19/12	Clean Earth	CEI-308000085366	56,180	28.09
10	10/19/12	Clean Earth	CEI-308000085367	61,780	30.89
11	10/25/12	Lincoln Park	79142	69,300	34.65
12	10/25/12	Lincoln Park	79143	62,840	31.42
13	10/25/12	Lincoln Park	79144	56,300	28.15
14	10/25/12	Lincoln Park	79145	58,980	29.49
15	10/25/12	Lincoln Park	79146	68,700	34.35
16	10/25/12	Lincoln Park	79147	61,120	30.56
17	10/25/12	Lincoln Park	79148	59,780	29.89
18	10/25/12	Lincoln Park	79149	53,720	26.86
19	10/25/12	Lincoln Park	79150	64,300	32.15
20	10/25/12	Lincoln Park	79151	59,680	29.84
21	10/25/12	Lincoln Park	79152	54,200	27.1
22	10/25/12	Lincoln Park	79153	58,820	29.41
23	10/25/12	Lincoln Park	79154	63,940	31.97
24	10/25/12	Lincoln Park	79155	55,860	27.93
25	10/25/12	Lincoln Park	79156	63,440	31.72
26	10/25/12	Lincoln Park	79157	56,520	28.26
27	10/25/12	Lincoln Park	79158	60,040	30.02
28	10/25/12	Lincoln Park	79159	61,620	30.81
29	10/25/12	Lincoln Park	79160	53,860	26.93
30	10/25/12	Lincoln Park	79161	57,500	28.75
31	10/25/12	Lincoln Park	79162	52,720	26.36
32	10/25/12	Lincoln Park	79163	56,720	28.36
33	10/25/12	Lincoln Park	79124	51,200	25.6
34	12/3/12	Lincoln Park	79116	67,640	33.82
35	12/3/12	Lincoln Park	79013	55,620	27.81
36	12/3/12	Lincoln Park	79014	71,060	35.53
37	12/3/12	Lincoln Park	79015	69,600	34.8
38	12/3/12	Lincoln Park	79016	67,900	33.95
39	12/3/12	Lincoln Park	79017	66,320	33.16
40	12/3/12	Lincoln Park	79018	63,960	31.98
41	12/3/12	Lincoln Park	79019	63,020	31.51

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
42	12/3/12	Lincoln Park	79020	74,240	37.12
43	12/3/12	Lincoln Park	79021	60,020	30.01
44	12/3/12	Lincoln Park	79022	70,220	35.11
45	12/3/12	Lincoln Park	79023	66,660	33.33
46	12/3/12	Lincoln Park	79126	68,040	34.02
47	12/3/12	Lincoln Park	79125	69,540	34.77
48	12/3/12	Lincoln Park	79127	65,500	32.75
49	12/3/12	Lincoln Park	79128	69,060	34.53
50	12/3/12	Lincoln Park	79129	56,840	28.42
51	12/3/12	Lincoln Park	79130	60,040	30.02
52	12/3/12	Lincoln Park	79131	70,940	35.47
53	12/3/12	Lincoln Park	79132	64,860	32.43
54	12/3/12	Lincoln Park	79133	68,360	34.18
55	12/3/12	Lincoln Park	79134	67,520	33.76
56	12/3/12	Lincoln Park	79135	62,960	31.48
57	12/3/12	Lincoln Park	79136	58,280	29.14
58	12/3/12	Lincoln Park	79137	58,180	29.09
59	12/3/12	Lincoln Park	79138	61,160	30.58
60	12/3/12	Lincoln Park	79139	61,780	30.89
61	12/3/12	Lincoln Park	79140	57,020	28.51
62	12/3/12	Lincoln Park	79141	48,460	24.23
63	12/6/12	Lincoln Park	79028	61,400	30.7
64	12/6/12	Lincoln Park	79027	65,140	32.57
65	12/6/12	Lincoln Park	79026	60,200	30.1
66	12/6/12	Lincoln Park	79025	76,800	38.4
67	12/6/12	Lincoln Park	79024	62,040	31.02
68	12/6/12	Lincoln Park	79119	62,080	31.04
69	12/6/12	Lincoln Park	79120	74,240	37.12
70	12/6/12	Lincoln Park	79118	63,960	31.98
71	12/6/12	Lincoln Park	79117	64,300	32.15
72	12/6/12	Lincoln Park	79121	66,420	33.21
73	12/6/12	Lincoln Park	79122	59,980	29.99
74	12/6/12	Lincoln Park	79123	72,300	36.15
75	12/7/12	Lincoln Park	79030	59,680	29.84
76	12/7/12	Lincoln Park	79033	58,700	29.35
77	12/7/12	Lincoln Park	79032	65,840	32.92
78	12/7/12	Lincoln Park	79034	64,220	32.11
79	12/7/12	Lincoln Park	79031	59,000	29.5
80	12/7/12	Lincoln Park	79051	67,960	33.98
81	12/7/12	Lincoln Park	79029	62,460	31.23
82	12/7/12	Lincoln Park	79050	61,080	30.54

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
83	12/7/12	Lincoln Park	79049	58,080	29.04
84	12/7/12	Lincoln Park	79048	56,780	28.39
85	12/7/12	Lincoln Park	79047	65,200	32.6
86	12/7/12	Lincoln Park	79046	72,820	36.41
87	12/7/12	Lincoln Park	79045	64,940	32.47
88	12/7/12	Lincoln Park	79044	65,320	32.66
89	12/7/12	Lincoln Park	79043	59,200	29.6
90	12/7/12	Lincoln Park	79042	58,460	29.23
91	12/7/12	Lincoln Park	79041	74,440	37.22
92	12/7/12	Lincoln Park	79040	59,060	29.53
93	12/7/12	Lincoln Park	79039	64,220	32.11
94	12/7/12	Lincoln Park	79038	61,440	30.72
95	12/7/12	Lincoln Park	79037	58,000	29
96	12/7/12	Lincoln Park	79036	63,580	31.79
97	12/7/12	Lincoln Park	79035	71,420	35.71
98	12/11/12	Palmerton	78909	62,500	31.25
99	12/11/12	Palmerton	78908	64,120	32.06
100	12/11/12	Palmerton	78907	66,500	33.25
101	12/11/12	Palmerton	78906	72,440	36.22
102	12/11/12	Palmerton	78905	60,980	30.49
103	12/11/12	Palmerton	78904	60,220	30.11
104	12/11/12	Palmerton	78903	63,680	31.84
105	12/11/12	Palmerton	78902	61,060	30.53
106	12/11/12	Palmerton	78901	57,840	28.92
107	12/11/12	Palmerton	78900	63,420	31.71
108	12/11/12	Palmerton	78899	63,760	31.88
109	12/11/12	Palmerton	78898	60,320	30.16
110	12/11/12	Palmerton	78897	64,260	32.13
111	12/11/12	Palmerton	78896	67,520	33.76
112	12/11/12	Palmerton	78895	61,740	30.87
113	12/11/12	Palmerton	78894	60,860	30.43
114	12/11/12	Palmerton	78893	63,980	31.99
115	12/11/12	Palmerton	78892	62,980	31.49
116	12/11/12	Palmerton	78891	63,540	31.77
117	12/11/12	Palmerton	78890	60,700	30.35
118	12/11/12	Palmerton	78889	63,340	31.67
119	12/11/12	Palmerton	78888	72,840	36.42
120	12/12/12	Palmerton	79008	76,880	38.44
121	12/12/12	Palmerton	79009	77,000	38.5
122	12/12/12	Palmerton	79010	64,480	32.24
123	12/12/12	Palmerton	79011	70,800	35.4

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
124	12/12/12	Palmerton	79012	62,320	31.16
125	12/12/12	Palmerton	78910	62,640	31.32
126	12/12/12	Palmerton	78988	68,120	34.06
127	12/12/12	Palmerton	78987	68,780	34.39
128	12/12/12	Palmerton	78985	61,080	30.54
129	12/12/12	Palmerton	78916	65,220	32.61
130	12/12/12	Palmerton	78915	60,680	30.34
131	12/12/12	Palmerton	78914	64,980	32.49
132	12/12/12	Palmerton	78913	64,820	32.41
133	12/12/12	Palmerton	78912	63,100	31.55
134	12/12/12	Palmerton	78911	70,800	35.4
135	12/12/12	Palmerton	78986	72,700	36.35
136	12/13/12	Palmerton	78990	76,260	38.13
137	12/13/12	Palmerton	78989	75,500	37.75
138	12/13/12	Palmerton	79000	67,180	33.59
139	12/13/12	Palmerton	79001	60,440	30.22
140	12/13/12	Palmerton	79002	68,020	34.01
141	12/13/12	Palmerton	79003	69,880	34.94
142	12/13/12	Palmerton	79004	65,920	32.96
143	12/13/12	Palmerton	79005	67,840	33.92
144	12/13/12	Palmerton	79006	76,860	38.43
145	12/13/12	Palmerton	79007	75,420	37.71
146	12/14/12	Palmerton	78998	60,040	30.02
147	12/14/12	Palmerton	78999	76,600	38.3
148	12/14/12	Palmerton	78992	62,120	31.06
149	12/14/12	Palmerton	78991	75,300	37.65
150	12/14/12	Lincoln Park	79069	60,720	30.36
151	12/14/12	Lincoln Park	79068	66,860	33.43
152	12/14/12	Lincoln Park	79067	58,560	29.28
154	12/14/12	Lincoln Park	79063	62,580	31.29
155	12/14/12	Lincoln Park	79064	60,560	30.28
156	12/14/12	Lincoln Park	79062	60,640	30.32
157	12/14/12	Lincoln Park	79061	64,380	32.19
158	12/14/12	Lincoln Park	79060	67,840	33.92
159	12/14/12	Lincoln Park	79059	59,240	29.62
160	12/14/12	Lincoln Park	79065	62,740	31.37
161	12/14/12	Lincoln Park	79058	62,280	31.14
162	12/14/12	Lincoln Park	79057	67,880	33.94
163	12/14/12	Lincoln Park	79056	69,860	34.93
164	12/14/12	Lincoln Park	79054	62,020	31.01
165	12/14/12	Lincoln Park	79053	66,820	33.41

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
166	12/14/12	Lincoln Park	79070	64,760	32.38
167	12/14/12	Lincoln Park	79055	61,360	30.68
168	12/21/12	Lincoln Park	79109	73,220	36.61
169	12/21/12	Lincoln Park	79110	62,800	31.4
170	12/21/12	Lincoln Park	79111	68,020	34.01
171	12/21/12	Lincoln Park	79112	71,640	35.82
172	12/21/12	Lincoln Park	79113	69,420	34.71
173	12/21/12	Lincoln Park	79114	69,400	34.7
174	12/21/12	Lincoln Park	79115	67,900	33.95
175	12/21/12	Lincoln Park	79079	69,340	34.67
176	12/21/12	Lincoln Park	79080	67,840	33.92
177	12/21/12	Lincoln Park	79081	66,220	33.11
178	12/21/12	Lincoln Park	79082	72,840	36.42
179	12/21/12	Lincoln Park	79078	72,300	36.15
180	12/21/12	Lincoln Park	79077	61,420	30.71
181	12/21/12	Lincoln Park	79076	63,940	31.97
182	12/21/12	Lincoln Park	79075	65,420	32.71
183	12/21/12	Lincoln Park	79074	66,860	33.43
184	12/21/12	Lincoln Park	79073	70,040	35.02
185	12/21/12	Lincoln Park	79072	65,380	32.69
186	12/21/12	Lincoln Park	79071	68,960	34.48
187	12/28/12	Lincoln Park	79085	69,920	34.96
188	12/28/12	Lincoln Park	79086	66,620	33.31
189	12/28/12	Lincoln Park	79088	66,860	33.43
190	12/28/12	Lincoln Park	79084	68,720	34.36
191	12/28/12	Lincoln Park	79083	65,780	32.89
192	12/28/12	Lincoln Park	79100	59,780	29.89
193	12/28/12	Lincoln Park	79099	68,100	34.05
194	12/28/12	Lincoln Park	79101	65,280	32.64
195	12/28/12	Lincoln Park	79102	74,180	37.09
196	12/28/12	Lincoln Park	79103	64,860	32.43
197	12/28/12	Lincoln Park	79104	67,060	33.53
198	12/28/12	Lincoln Park	79105	64,780	32.39
199	12/28/12	Lincoln Park	79106	62,060	31.03
200	12/28/12	Lincoln Park	79107	65,140	32.57
201	12/28/12	Lincoln Park	79098	61,800	30.9
202	12/28/12	Lincoln Park	79097	60,380	30.19
203	12/28/12	Lincoln Park	79096	63,060	31.53
204	12/28/12	Lincoln Park	79095	63,460	31.73
205	12/28/12	Lincoln Park	79108	64,320	32.16
206	12/28/12	Lincoln Park	79087	67,400	33.7

Table 4-2**Offsite Soil/Waste Disposal Volumes and Facilities****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Total Number of Trucks	Date	Destination Facility	Waste Tracking #	Truck Weight (Actual, lbs)	Truck Weight (Actual, tons)
207	1/3/13	Lincoln Park	96799	59,260	29.63
208	1/3/13	Lincoln Park	96800	63,280	31.64
209	1/3/13	Lincoln Park	96801	59,900	29.95
210	1/3/13	Lincoln Park	96802	64,840	32.42
211	1/3/13	Lincoln Park	79094	57,180	28.59
212	1/3/13	Lincoln Park	79093	59,860	29.93
213	1/3/13	Lincoln Park	79092	58,340	29.17
214	1/3/13	Lincoln Park	79091	59,260	29.63
215	1/3/13	Lincoln Park	79090	55,980	27.99
216	1/3/13	Lincoln Park	79089	62,200	31.1
217	1/4/13	Lincoln Park	96795	60,640	30.32
218	1/4/13	Lincoln Park	96789	60,040	30.02
219	1/4/13	Lincoln Park	96788	62,960	31.48
220	1/4/13	Lincoln Park	96787	61,460	30.73
221	1/4/13	Lincoln Park	96796	54,080	27.04
222	1/4/13	Lincoln Park	96797	61,460	30.73
223	1/4/13	Lincoln Park	96798	57,680	28.84
			Totals	14,214,120	7,107.06

Table 4--3
Volatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Hempden Court Brownfield Cleanup Site No. C20
Bronx, New York

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

	SITE			SB-20	SB-21	SB-22	SB-23
	SAMPLE ID	6NYCRR Part 375	Restricted	SB20(4.5-5)	SB21(4.5-5)	SB22(4.5-5)	SB23(4.5-5)
CONSTITUENT	DATE	Protection of	Residential Use	12/20/2012	12/20/2012	12/20/2012	12/20/2012
	DEPTH (ft)	Groundwater SCO	SCO	5.00	5.00	5.00	5.00
Starting Depth	(feet)			4.50	4.50	4.50	4.50
Ending Depth	(feet)			5.00	5.00	5.00	5.00
1,1,1-Trichloroethane	(ug/kg)	680	100000	6.6 U	6.0 U	5.6 U	6.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,1,2-Trichloroethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,1-Dichloroethane	(ug/kg)	270	19000	6.6 U	6.0 U	5.6 U	6.2 U
1,1-Dichloroethene	(ug/kg)	330	100000	6.6 U	6.0 U	5.6 U	6.2 U
1,2,3-Trichlorobenzene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,2,4-Trichlorobenzene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,2-Dibromo-3-chloropropane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,2-Dibromoethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	6.6 U	6.0 U	5.6 U	6.2 U
1,2-Dichloroethane	(ug/kg)	20	2300	6.6 U	6.0 U	5.6 U	6.2 U
1,2-Dichloropropane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
1,3-Dichlorobenzene	(ug/kg)	2400	17000	6.6 U	6.0 U	5.6 U	6.2 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	6.6 U	6.0 U	5.6 U	6.2 U
1,4-Dioxane	(ug/kg)	100	9800	130 U	120 U	110 U	120 U
2-Butanone	(ug/kg)	120	100000	6.6 U	6.0 U	5.6 U	6.2 U
2-Hexanone	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
4-Methyl-2-Pentanone	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Acetone	(ug/kg)	50	100000	6.6 U	6.0 U	5.6 U	6.2 U
Benzene	(ug/kg)	60	2900	6.6 U	6.0 U	5.6 U	6.2 U
Bromochloromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Bromodichloromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Bromoform	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Bromomethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Carbon Disulfide	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Carbon Tetrachloride	(ug/kg)	760	1400	6.6 U	6.0 U	5.6 U	6.2 U
Chlorobenzene	(ug/kg)	1100	100000	6.6 U	6.0 U	5.6 U	6.2 U

See the Endnotes following the last page of this table.

Table 4--3
Volatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 4
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-20 SB20(4.5-5) 12/20/2012 5.00	SB-21 SB21(4.5-5) 12/20/2012 5.00	SB-22 SB22(4.5-5) 12/20/2012 5.00	SB-23 SB23(4.5-5) 12/20/2012 5.00
Chloroethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Chloroform	(ug/kg)	370	10000	6.6 U	6.0 U	5.6 U	6.2 U
Chloromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	6.6 U	6.0 U	5.6 U	6.2 U
cis-1,3-Dichloropropene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Cyclohexane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Dibromochloromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Dichlorodifluoromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Ethylbenzene	(ug/kg)	1000	30000	6.6 U	6.0 U	5.6 U	6.2 U
Freon 113	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Isopropylbenzene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
m+p-Xylene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Methyl Acetate	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Methyl Cyclohexane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	6.6 U	6.0 U	5.6 U	6.2 U
Methylene Chloride	(ug/kg)	50	51000	5.4 J	2.7 J	5.6 U	6.2 U
o-Xylene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Styrene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Tetrachloroethene	(ug/kg)	1300	5500	6.6 U	6.0 U	5.6 U	6.2 U
Toluene	(ug/kg)	700	100000	6.6 U	6.0 U	5.6 U	6.2 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	6.6 U	6.0 U	5.6 U	6.2 U
trans-1,3-Dichloropropene	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Trichloroethene	(ug/kg)	470	10000	6.6 U	6.0 U	5.6 U	6.2 U
Trichlorofluoromethane	(ug/kg)			6.6 U	6.0 U	5.6 U	6.2 U
Vinyl chloride	(ug/kg)	20	210	6.6 U	6.0 U	5.6 U	6.2 U

See the Endnotes following the last page of this table.

Table 4--3
Volatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 3 of 4
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Starting Depth	(feet)			5.00
Ending Depth	(feet)			5.50
1,1,1-Trichloroethane	(ug/kg)	680	100000	6.4 U
1,1,2,2-Tetrachloroethane	(ug/kg)			6.4 U
1,1,2-Trichloroethane	(ug/kg)			6.4 U
1,1-Dichloroethane	(ug/kg)	270	19000	6.4 U
1,1-Dichloroethene	(ug/kg)	330	100000	6.4 U
1,2,3-Trichlorobenzene	(ug/kg)			6.4 U
1,2,4-Trichlorobenzene	(ug/kg)			6.4 U
1,2-Dibromo-3-chloropropane	(ug/kg)			6.4 U
1,2-Dibromoethane	(ug/kg)			6.4 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	6.4 U
1,2-Dichloroethane	(ug/kg)	20	2300	6.4 U
1,2-Dichloropropane	(ug/kg)			6.4 U
1,3-Dichlorobenzene	(ug/kg)	2400	17000	6.4 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	6.4 U
1,4-Dioxane	(ug/kg)	100	9800	130 U
2-Butanone	(ug/kg)	120	100000	6.4 U
2-Hexanone	(ug/kg)			6.4 U
4-Methyl-2-Pentanone	(ug/kg)			6.4 U
Acetone	(ug/kg)	50	100000	6.4 U
Benzene	(ug/kg)	60	2900	6.4 U
Bromochloromethane	(ug/kg)			6.4 U
Bromodichloromethane	(ug/kg)			6.4 U
Bromoform	(ug/kg)			6.4 U
Bromomethane	(ug/kg)			6.4 U
Carbon Disulfide	(ug/kg)			6.4 U
Carbon Tetrachloride	(ug/kg)	760	1400	6.4 U
Chlorobenzene	(ug/kg)	1100	100000	6.4 U
See the Endnotes following the last page of this table.				

Table 4--3
Volatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 4 of 4
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Chloroethane	(ug/kg)			6.4 U
Chloroform	(ug/kg)	370	10000	6.4 U
Chloromethane	(ug/kg)			6.4 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	6.4 U
cis-1,3-Dichloropropene	(ug/kg)			6.4 U
Cyclohexane	(ug/kg)			6.4 U
Dibromochloromethane	(ug/kg)			6.4 U
Dichlorodifluoromethane	(ug/kg)			6.4 U
Ethylbenzene	(ug/kg)	1000	30000	6.4 U
Freon 113	(ug/kg)			6.4 U
Isopropylbenzene	(ug/kg)			6.4 U
m+p-Xylene	(ug/kg)			6.4 U
Methyl Acetate	(ug/kg)			6.4 U
Methyl Cyclohexane	(ug/kg)			6.4 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	6.4 U
Methylene Chloride	(ug/kg)	50	51000	6.4 U
o-Xylene	(ug/kg)			6.4 U
Styrene	(ug/kg)			6.4 U
Tetrachloroethene	(ug/kg)	1300	5500	6.4 U
Toluene	(ug/kg)	700	100000	6.4 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	6.4 U
trans-1,3-Dichloropropene	(ug/kg)			6.4 U
Trichloroethene	(ug/kg)	470	10000	6.4 U
Trichlorofluoromethane	(ug/kg)			6.4 U
Vinyl chloride	(ug/kg)	20	210	6.4 U
See the Endnotes following the last page of this table.				

Table 4--3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 6
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-20 SB20(4.5-5) 12/20/2012 5.00	SB-21 SB21(4.5-5) 12/20/2012 5.00	SB-22 SB22(4.5-5) 12/20/2012 5.00	SB-23 SB23(4.5-5) 12/20/2012 5.00
Starting Depth	(feet)			4.50	4.50	4.50	4.50
Ending Depth	(feet)			5.00	5.00	5.00	5.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)			360 U	390 U	380 U	360 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)			360 U	390 U	380 U	360 U
2,3,4,6-Tetrachlorophenol	(ug/kg)			360 U	390 U	380 U	360 U
2,4,5-Trichlorophenol	(ug/kg)			720 U	780 U	780 U	730 U
2,4,6-Trichlorophenol	(ug/kg)			360 U	390 U	380 U	360 U
2,4-Dichlorophenol	(ug/kg)			360 U	390 U	380 U	360 U
2,4-Dimethylphenol	(ug/kg)			360 U	390 U	380 U	360 U
2,4-Dinitrophenol	(ug/kg)			720 U	780 U	780 U	730 U
2,4-Dinitrotoluene	(ug/kg)			360 U	390 U	380 U	360 U
2,6-Dinitrotoluene	(ug/kg)			360 U	390 U	380 U	360 U
2-Chloronaphthalene	(ug/kg)			360 U	390 U	380 U	360 U
2-Chlorophenol	(ug/kg)			360 U	390 U	380 U	360 U
2-Methylnaphthalene	(ug/kg)			360 U	390 U	380 U	360 U
3,3-Dichlorobenzidine	(ug/kg)			360 U	390 U	380 U	360 U
4,6-Dinitro-o-cresol	(ug/kg)			720 U	780 U	780 U	730 U
4-Bromofluorobenzene	(ug/kg)			360 U	390 U	380 U	360 U
4-Chlorophenyl phenyl ether	(ug/kg)			360 U	390 U	380 U	360 U
Acenaphthene	(ug/kg)	98000	100000	120 J	390 U	380 U	360 U
Acenaphthylene	(ug/kg)	107000	100000	2100	190 J	380 J	210 J
Acetophenone	(ug/kg)			360 U	390 U	380 U	360 U
Anthracene	(ug/kg)	1000000	100000	2000	340 J	460	140 J
Atrazine	(ug/kg)			360 U	390 U	380 U	360 U
Benzaldehyde	(ug/kg)			360 U	390 U	380 U	360 U
Benzo(a)anthracene	(ug/kg)	1000	1000	[7100]	[1100]	[1600]	410
Benzo(a)pyrene	(ug/kg)	22000	1000	[5800]	1000	[1600]	430
Benzo(b)fluoranthene	(ug/kg)	1700	1000	[9400]	[1300]	[2100]	630
Benzo(ghi)perylene	(ug/kg)	1000000	100000	3400	610	980	320 J
See the Endnotes following the last page of this table.				[x]=Greater than Action Level			

Table 4--3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 6
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-20 SB20(4.5-5) 12/20/2012 5.00	SB-21 SB21(4.5-5) 12/20/2012 5.00	SB-22 SB22(4.5-5) 12/20/2012 5.00	SB-23 SB23(4.5-5) 12/20/2012 5.00
Benzo(k)fluoranthene	(ug/kg)	1700	1000	[3900]	570	910	360 U
Biphenyl	(ug/kg)			360 U	390 U	380 U	360 U
Bis(2-chloroethoxy)methane	(ug/kg)			360 U	390 U	380 U	360 U
Bis(2-chloroethyl)ether	(ug/kg)			360 U	390 U	380 U	360 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)			240 J	220 J	220 J	260 J
Butyl benzyl phthalate	(ug/kg)			360 U	390 U	380 U	360 U
Caprolactam	(ug/kg)			360 U	390 U	380 U	360 U
Carbazole	(ug/kg)			1200	110 J	170 J	360 U
Chrysene	(ug/kg)	1000	1000	[7800]	[1100]	[1600]	430
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	[1300]	160 J	280 J	79 J
Dibenzofuran	(ug/kg)	210000	14000	120 J	390 U	380 U	360 U
Diethyl phthalate	(ug/kg)			360 U	390 U	380 U	360 U
Dimethyl phthalate	(ug/kg)			360 U	390 U	380 U	360 U
Di-n-butyl phthalate	(ug/kg)			580	510	530	570
Di-n-octyl phthalate	(ug/kg)			360 U	390 U	380 U	360 U
Fluoranthene	(ug/kg)	1000000	100000	15000	1800	2500	480
Fluorene	(ug/kg)	386000	100000	270 J	390 U	78 J	360 U
Hexachlorobenzene	(ug/kg)	3200	330	360 U	390 U	380 U	360 U
Hexachlorobutadiene	(ug/kg)			360 U	390 U	380 U	360 U
Hexachlorocyclopentadiene	(ug/kg)			360 U	390 U	380 U	360 U
Hexachloroethane	(ug/kg)			360 U	390 U	380 U	360 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	[3500]	[560]	[880]	280 J
Isophorone	(ug/kg)			360 U	390 U	380 U	360 U
m-Nitroaniline	(ug/kg)			720 U	780 U	780 U	730 U
Naphthalene	(ug/kg)	12000	100000	360 U	390 U	380 U	360 U
Nitrobenzene	(ug/kg)			360 U	390 U	380 U	360 U
N-Nitrosodiphenylamine	(ug/kg)			360 U	390 U	380 U	360 U
N-Nitrosodipropylamine	(ug/kg)			360 U	390 U	380 U	360 U
o-Cresol	(ug/kg)	330	100000	360 U	390 U	380 U	360 U
See the Endnotes following the last page of this table.				[x]=Greater than Action Level			

Table 4-3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Morinquen Court Brownfield Cleanup Site No. C2030
Bronx, New York

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE			SB-20	SB-21	SB-22	SB-23
	SAMPLE ID	6NYCRR Part 375	Restricted	SB20(4.5-5)	SB21(4.5-5)	SB22(4.5-5)	SB23(4.5-5)
	DATE	Protection of	Residential Use	12/20/2012	12/20/2012	12/20/2012	12/20/2012
	DEPTH (ft)	Groundwater SCO	SCO	5.00	5.00	5.00	5.00
o-Nitroaniline	(ug/kg)			720 U	780 U	780 U	730 U
o-Nitrophenol	(ug/kg)			360 U	390 U	380 U	360 U
p-Chloroaniline	(ug/kg)			360 U	390 U	380 U	360 U
p-Chloro-m-cresol	(ug/kg)			360 U	390 U	380 U	360 U
p-Cresol	(ug/kg)	330	34000	360 U	390 U	380 U	360 U
Pentachlorophenol	(ug/kg)	800	2400	720 U	780 U	780 U	730 U
Phenanthrene	(ug/kg)	1000000	100000	8200	1100	1400	240 J
Phenol	(ug/kg)	330	100000	360 U	390 U	380 U	360 U
p-Nitroaniline	(ug/kg)			720 U	780 U	780 U	730 U
p-Nitrophenol	(ug/kg)			720 U	780 U	780 U	730 U
Pyrene	(ug/kg)	1000000	100000	15000	2200	3000	620

See the Endnotes following the last page of this table.

Table 4--3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 4 of 6
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Starting Depth	(feet)			5.00
Ending Depth	(feet)			5.50
1,2,4,5-Tetrachlorobenzene	(ug/kg)			370 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)			370 U
2,3,4,6-Tetrachlorophenol	(ug/kg)			370 U
2,4,5-Trichlorophenol	(ug/kg)			760 U
2,4,6-Trichlorophenol	(ug/kg)			370 U
2,4-Dichlorophenol	(ug/kg)			370 U
2,4-Dimethylphenol	(ug/kg)			370 U
2,4-Dinitrophenol	(ug/kg)			760 U
2,4-Dinitrotoluene	(ug/kg)			370 U
2,6-Dinitrotoluene	(ug/kg)			370 U
2-Chloronaphthalene	(ug/kg)			370 U
2-Chlorophenol	(ug/kg)			370 U
2-Methylnaphthalene	(ug/kg)			370 U
3,3-Dichlorobenzidine	(ug/kg)			370 U
4,6-Dinitro-o-cresol	(ug/kg)			760 U
4-Bromofluorobenzene	(ug/kg)			370 U
4-Chlorophenyl phenyl ether	(ug/kg)			370 U
Acenaphthene	(ug/kg)	98000	100000	92 J
Acenaphthylene	(ug/kg)	107000	100000	440
Acetophenone	(ug/kg)			370 U
Anthracene	(ug/kg)	1000000	100000	590
Atrazine	(ug/kg)			370 U
Benzaldehyde	(ug/kg)			370 U
Benzo(a)anthracene	(ug/kg)	1000	1000	[1500]
Benzo(a)pyrene	(ug/kg)	22000	1000	[1600]
Benzo(b)fluoranthene	(ug/kg)	1700	1000	[2200]
Benzo(ghi)perylene	(ug/kg)	1000000	100000	980
See the Endnotes following the last page of this table.				[x]=Greater than Action Level

Table 4--3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 5 of 6
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Benzo(k)fluoranthene	(ug/kg)	1700	1000	770
Biphenyl	(ug/kg)			370 U
Bis(2-chloroethoxy)methane	(ug/kg)			370 U
Bis(2-chloroethyl)ether	(ug/kg)			370 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)			250 J
Butyl benzyl phthalate	(ug/kg)			90 J
Caprolactam	(ug/kg)			370 U
Carbazole	(ug/kg)			230 J
Chrysene	(ug/kg)	1000	1000	[1600]
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	280 J
Dibenzofuran	(ug/kg)	210000	14000	77 J
Diethyl phthalate	(ug/kg)			370 U
Dimethyl phthalate	(ug/kg)			370 U
Di-n-butyl phthalate	(ug/kg)			500
Di-n-octyl phthalate	(ug/kg)			370 U
Fluoranthene	(ug/kg)	1000000	100000	3000
Fluorene	(ug/kg)	386000	100000	110 J
Hexachlorobenzene	(ug/kg)	3200	330	370 U
Hexachlorobutadiene	(ug/kg)			370 U
Hexachlorocyclopentadiene	(ug/kg)			370 U
Hexachloroethane	(ug/kg)			370 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	[900]
Isophorone	(ug/kg)			370 U
m-Nitroaniline	(ug/kg)			760 U
Naphthalene	(ug/kg)	12000	100000	370 U
Nitrobenzene	(ug/kg)			370 U
N-Nitrosodiphenylamine	(ug/kg)			370 U
N-Nitrosodipropylamine	(ug/kg)			370 U
o-Cresol	(ug/kg)	330	100000	370 U
See the Endnotes following the last page of this table.				[x]=Greater than Action Level

Table 4--3
Semivolatile Organic Compound Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 6 of 6
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
o-Nitroaniline	(ug/kg)			760 U
o-Nitrophenol	(ug/kg)			370 U
p-Chloroaniline	(ug/kg)			370 U
p-Chloro-m-cresol	(ug/kg)			370 U
p-Cresol	(ug/kg)	330	34000	370 U
Pentachlorophenol	(ug/kg)	800	2400	760 U
Phenanthrene	(ug/kg)	1000000	100000	2100
Phenol	(ug/kg)	330	100000	370 U
p-Nitroaniline	(ug/kg)			760 U
p-Nitrophenol	(ug/kg)			760 U
Pyrene	(ug/kg)	1000000	100000	3600
See the Endnotes following the last page of this table.				

Page: 1 of 2
Date: 11/05/2013

SAMPLE TYPE: Soil

	SITE			SB-20	SB-21	SB-22	SB-23
	SAMPLE ID	6NYCRR Part 375	Restricted	SB20(4.5-5)	SB21(4.5-5)	SB22(4.5-5)	SB23(4.5-5)
CONSTITUENT	DATE	Protection of	Residential Use	12/20/2012	12/20/2012	12/20/2012	12/20/2012
	DEPTH (ft)	Groundwater SCO	SCO	5.00	5.00	5.00	5.00
Starting Depth	(feet)			4.50	4.50	4.50	4.50
Ending Depth	(feet)			5.00	5.00	5.00	5.00
4,4'-DDD	(ug/kg)	14000	2600	3.7 U	54	97 U	3.6 U
4,4'-DDE	(ug/kg)	17000	1800	3.7 U	56	190	3.6 U
4,4'-DDT	(ug/kg)	136000	1700	10 J	160	570	3.7 J
Aldrin	(ug/kg)	190	19	1.9 U	20 U	50 U	1.8 U
alpha-BHC	(ug/kg)	20	97	1.9 U	20 U	50 U	1.8 U
alpha-Chlordane	(ug/kg)	2900	910	1.9 U	34 J	50 U	1.8 U
beta-BHC	(ug/kg)	90	72	1.9 U	20 U	50 U	1.8 U
delta-BHC	(ug/kg)	250	100000	1.9 U	20 U	50 U	1.8 U
Dieldrin	(ug/kg)	100	39	10 J	39 U	97 U	3.6 U
Endosulfan I	(ug/kg)	102000	4800	1.9 U	20 U	50 U	1.8 U
Endosulfan II	(ug/kg)	102000	4800	3.7 U	39 U	97 U	3.6 U
Endosulfan sulfate	(ug/kg)	1000000	4800	3.7 U	49 J	97 U	7.8 J
Endrin	(ug/kg)	60	2200	3.7 U	39 U	97 U	3.6 U
Endrin aldehyde	(ug/kg)			3.7 U	39 U	97 U	3.6 U
Endrin ketone	(ug/kg)			5.1	39 U	97 U	3.6 U
gamma-BHC (Lindane)	(ug/kg)	100	280	1.9 U	20 U	50 U	1.8 U
gamma-Chlordane	(ug/kg)			1.9 U	33	49 J	1.8 U
Heptachlor	(ug/kg)	380	420	1.9 U	20 U	50 U	1.8 U
Heptachlor epoxide	(ug/kg)			1.9 U	20 U	50 U	1.8 U
Methoxychlor	(ug/kg)			19 U	200 U	500 U	18 U
Toxaphene	(ug/kg)			190 U	2000 U	5000 U	180 U

See the Endnotes following the last page of this table.

Table 4--3
Pesticide Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Starting Depth	(feet)			5.00
Ending Depth	(feet)			5.50
4,4'-DDD	(ug/kg)	14000	2600	3.7 U
4,4'-DDE	(ug/kg)	17000	1800	3.7 U
4,4'-DDT	(ug/kg)	136000	1700	8.8
Aldrin	(ug/kg)	190	19	1.9 U
alpha-BHC	(ug/kg)	20	97	1.9 U
alpha-Chlordane	(ug/kg)	2900	910	1.9 U
beta-BHC	(ug/kg)	90	72	1.9 U
delta-BHC	(ug/kg)	250	100000	1.9 U
Dieldrin	(ug/kg)	100	39	3.7 U
Endosulfan I	(ug/kg)	102000	4800	1.9 U
Endosulfan II	(ug/kg)	102000	4800	3.7 U
Endosulfan sulfate	(ug/kg)	1000000	4800	3.7 U
Endrin	(ug/kg)	60	2200	3.7 U
Endrin aldehyde	(ug/kg)			3.7 U
Endrin ketone	(ug/kg)			5.7
gamma-BHC (Lindane)	(ug/kg)	100	280	1.9 U
gamma-Chlordane	(ug/kg)			1.9 U
Heptachlor	(ug/kg)	380	420	1.9 U
Heptachlor epoxide	(ug/kg)			1.9 U
Methoxychlor	(ug/kg)			19 U
Toxaphene	(ug/kg)			190 U
See the Endnotes following the last page of this table.				

Table 4--3
Metals Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 2
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-20 SB20(4.5-5) 12/20/2012 5.00	SB-21 SB21(4.5-5) 12/20/2012 5.00	SB-22 SB22(4.5-5) 12/20/2012 5.00	SB-23 SB23(4.5-5) 12/20/2012 5.00
Starting Depth	(feet)			4.50	4.50	4.50	4.50
Ending Depth	(feet)			5.00	5.00	5.00	5.00
Aluminum	(mg/kg)			7590	5760	7610	6710
Antimony	(mg/kg)			1.3	0.82 J	0.79 J	0.52 J
Arsenic	(mg/kg)	16	16	4.9	4.9	9.9	5.1
Barium	(mg/kg)	820	350	253	[1790]	[817]	82.9
Beryllium	(mg/kg)	47	14	1.4	0.32	0.41	0.27
Cadmium	(mg/kg)	7.5	2.5	0.87	0.92	0.87	1.5
Calcium	(mg/kg)			58100	123000	112000	79900
Chromium	(mg/kg)		36	16.2	17.6	21.9	11.0
Cobalt	(mg/kg)			7.5	3.7	4.8	3.3
Copper	(mg/kg)	1720	270	78.6	18.0	31.5	13.5
Iron	(mg/kg)			14200	9700	11900	8990
Lead	(mg/kg)	450	400	360	305	358	272
Magnesium	(mg/kg)			11400	31300	38600	4350
Manganese	(mg/kg)	2000	2000	303	335	442	209
Mercury	(mg/kg)	0.73	0.81	[0.99]	0.14	0.48	0.11
Nickel	(mg/kg)	130	140	16.7	17.2	8.9	7.3
Potassium	(mg/kg)			1750	1150	1290	783
Selenium	(mg/kg)	4	36	1.4 U	1.7 U	1.7 U	1.3 U
Silver	(mg/kg)	8.3	36	0.41 J	1.7 U	0.18 J	1.3 U
Sodium	(mg/kg)			215 U	328 U	420 U	565
Thallium	(mg/kg)			0.93 U	1.1 U	1.1 U	0.86 U
Vanadium	(mg/kg)			25.9	17.8	31.5	23.7
Zinc	(mg/kg)	2480	2200	392	791	540	381

See the Endnotes following the last page of this table.

[x]=Greater than Action Level

Table 4--3
Metals Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/20/2012 thru 12/20/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-24 SB24(5.0-5.5) 12/20/2012 5.50
Starting Depth	(feet)			5.00
Ending Depth	(feet)			5.50
Aluminum	(mg/kg)			7960
Antimony	(mg/kg)			0.90 U
Arsenic	(mg/kg)	16	16	3.2
Barium	(mg/kg)	820	350	122
Beryllium	(mg/kg)	47	14	0.33
Cadmium	(mg/kg)	7.5	2.5	0.26
Calcium	(mg/kg)			40200
Chromium	(mg/kg)		36	10.7
Cobalt	(mg/kg)			4.3
Copper	(mg/kg)	1720	270	16.7
Iron	(mg/kg)			10700
Lead	(mg/kg)	450	400	60.8
Magnesium	(mg/kg)			15000
Manganese	(mg/kg)	2000	2000	761
Mercury	(mg/kg)	0.73	0.81	0.13
Nickel	(mg/kg)	130	140	9.5
Potassium	(mg/kg)			1400
Selenium	(mg/kg)	4	36	1.4 U
Silver	(mg/kg)	8.3	36	0.20 J
Sodium	(mg/kg)			249 U
Thallium	(mg/kg)			0.90 U
Vanadium	(mg/kg)			14.7
Zinc	(mg/kg)	2480	2200	66.2

See the Endnotes following the last page of this table.

Table 4-3
Post-Excavation
Sampling Results - MW-05 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Notes:

- $\mu\text{g/kg}$ = micrograms per kilogram (parts per billion; ppb).
- mg/kg = milligrams per kilogram (parts per million; ppm).
- The soil analytical data were compared to the New York State Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) 6NYCRR Subpart 375-6: Remedial Program Soil Cleanup Objectives - December 2006
- [Bracketed] and highlighted values indicate exceedances one or more of these criteria.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

Table 4--4
Volatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 4
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-12 SB12(10.0-10.5) 12/14/2012 10.50	SB-13 SB13(10.0-10.5) 12/14/2012 10.50	SB-14 SB14(10.0-10.5) 12/14/2012 10.50	SB-15 SB15(10.0-10.5) 12/14/2012 10.50
Starting Depth	(feet)			10.00	10.00	10.00	10.00
Ending Depth	(feet)			10.50	10.50	10.50	10.50
1,1,1-Trichloroethane	(ug/kg)	680	100000	4.8 U	4.9 U	6.6 U	5.4 U
1,1,2,2-Tetrachloroethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,1,2-Trichloroethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,1-Dichloroethane	(ug/kg)	270	19000	4.8 U	4.9 U	6.6 U	5.4 U
1,1-Dichloroethene	(ug/kg)	330	100000	4.8 U	4.9 U	6.6 U	5.4 U
1,2,3-Trichlorobenzene	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,2,4-Trichlorobenzene	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,2-Dibromo-3-chloropropane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,2-Dibromoethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	4.8 U	4.9 U	6.6 U	5.4 U
1,2-Dichloroethane	(ug/kg)	20	2300	4.8 U	4.9 U	6.6 U	5.4 U
1,2-Dichloropropane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
1,3-Dichlorobenzene	(ug/kg)	2400	17000	4.8 U	4.9 U	6.6 U	5.4 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	4.8 U	4.9 U	6.6 U	5.4 U
1,4-Dioxane	(ug/kg)	100	9800	95 U	99 U	130 U	110 U
2-Butanone	(ug/kg)	120	100000	6.5 J	4.9 U	6.6 U	5.4 U
2-Hexanone	(ug/kg)			4.8 U	4.9 U J	6.6 U	5.4 U
4-Methyl-2-Pentanone	(ug/kg)			4.8 U	4.9 U J	6.6 U	5.4 U
Acetone	(ug/kg)	50	100000	47 J	4.9 U	6.0 J	4.3 J
Benzene	(ug/kg)	60	2900	4.8 U	4.9 U	6.6 U	5.4 U
Bromochloromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Bromodichloromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Bromoform	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Bromomethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Carbon Disulfide	(ug/kg)			1.3 J	4.9 U	6.6 U	5.4 U
Carbon Tetrachloride	(ug/kg)	760	1400	4.8 U	4.9 U	6.6 U	5.4 U
Chlorobenzene	(ug/kg)	1100	100000	4.8 U	4.9 U	6.6 U	5.4 U

See the Endnotes following the last page of this table.

Table 4--4
Volatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 4
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-12 SB12(10.0-10.5) 12/14/2012 10.50	SB-13 SB13(10.0-10.5) 12/14/2012 10.50	SB-14 SB14(10.0-10.5) 12/14/2012 10.50	SB-15 SB15(10.0-10.5) 12/14/2012 10.50
Chloroethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Chloroform	(ug/kg)	370	10000	4.8 U	4.9 U	6.6 U	5.4 U
Chloromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	4.8 U	4.9 U	6.6 U	5.4 U
cis-1,3-Dichloropropene	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Cyclohexane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Dibromochloromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Dichlorodifluoromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Ethylbenzene	(ug/kg)	1000	30000	37 J	4.9 U	6.6 U	5.4 U
Freon 113	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Isopropylbenzene	(ug/kg)			90 J	4.9 U	6.6 U	5.4 U
m+p-Xylene	(ug/kg)			11 J	4.9 U	6.6 U	5.4 U
Methyl Acetate	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Methyl Cyclohexane	(ug/kg)			130 J	4.9 U	6.6 U	5.4 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	4.8 U	4.9 U	6.6 U	5.4 U
Methylene Chloride	(ug/kg)	50	51000	1.8 J	4.9 U	6.6 U	5.4 U
o-Xylene	(ug/kg)			6.9 J	4.9 U	6.6 U	5.4 U
Styrene	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Tetrachloroethene	(ug/kg)	1300	5500	4.8 U	4.9 U J	6.6 U	5.4 U
Toluene	(ug/kg)	700	100000	4.8 U	4.9 U	6.6 U	5.4 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	4.8 U	4.9 U	6.6 U	5.4 U
trans-1,3-Dichloropropene	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Trichloroethene	(ug/kg)	470	10000	4.8 U	4.9 U	6.6 U	5.4 U
Trichlorofluoromethane	(ug/kg)			4.8 U	4.9 U	6.6 U	5.4 U
Vinyl chloride	(ug/kg)	20	210	4.8 U	4.9 U	6.6 U	5.4 U

See the Endnotes following the last page of this table.

Table 4--4
Volatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 3 of 4
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Starting Depth	(feet)			10.00	10.00	10.50	10.50
Ending Depth	(feet)			10.50	10.50	11.00	11.00
1,1,1-Trichloroethane	(ug/kg)	680	100000	6.3 U	5.9 U	5.7 U	5.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,1,2-Trichloroethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,1-Dichloroethane	(ug/kg)	270	19000	6.3 U	5.9 U	5.7 U	5.2 U
1,1-Dichloroethene	(ug/kg)	330	100000	6.3 U	5.9 U	5.7 U	5.2 U
1,2,3-Trichlorobenzene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,2,4-Trichlorobenzene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,2-Dibromo-3-chloropropane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,2-Dibromoethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,2-Dichlorobenzene	(ug/kg)	1100	100000	6.3 U	5.9 U	5.7 U	5.2 U
1,2-Dichloroethane	(ug/kg)	20	2300	6.3 U	5.9 U	5.7 U	5.2 U
1,2-Dichloropropane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
1,3-Dichlorobenzene	(ug/kg)	2400	17000	6.3 U	5.9 U	5.7 U	5.2 U
1,4-Dichlorobenzene	(ug/kg)	1800	9800	6.3 U	5.9 U	1.7 J	5.2 U
1,4-Dioxane	(ug/kg)	100	9800	130 U	120 U	110 U	100 U
2-Butanone	(ug/kg)	120	100000	3.6 J	5.9 U J	5.7 U	5.2 U
2-Hexanone	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
4-Methyl-2-Pentanone	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Acetone	(ug/kg)	50	100000	18	5.9 U J	6.6	4.3 J
Benzene	(ug/kg)	60	2900	6.3 U	5.9 U	5.7 U	5.2 U
Bromochloromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Bromodichloromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Bromoform	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Bromomethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Carbon Disulfide	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Carbon Tetrachloride	(ug/kg)	760	1400	6.3 U	5.9 U	5.7 U	5.2 U
Chlorobenzene	(ug/kg)	1100	100000	6.3 U	5.9 U	5.7 U	5.2 U

See the Endnotes following the last page of this table.

Table 4--4
Volatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 4 of 4
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Chloroethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Chloroform	(ug/kg)	370	10000	6.3 U	5.9 U	5.7 U	5.2 U
Chloromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
cis-1,2-Dichloroethene	(ug/kg)	250	59000	6.3 U	5.9 U	5.7 U	5.2 U
cis-1,3-Dichloropropene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Cyclohexane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Dibromochloromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Dichlorodifluoromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Ethylbenzene	(ug/kg)	1000	30000	6.3 U	5.9 U	5.7 U	5.2 U
Freon 113	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Isopropylbenzene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
m+p-Xylene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Methyl Acetate	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Methyl Cyclohexane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	6.3 U	5.9 U	5.7 U	5.2 U
Methylene Chloride	(ug/kg)	50	51000	6.3 U	5.9 U J	5.7 U	5.2 U
o-Xylene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Styrene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Tetrachloroethene	(ug/kg)	1300	5500	6.3 U	5.9 U	5.7 U	5.2 U
Toluene	(ug/kg)	700	100000	6.3 U	5.9 U	5.7 U	5.2 U
trans-1,2-Dichloroethene	(ug/kg)	190	100000	6.3 U	5.9 U	5.7 U	5.2 U
trans-1,3-Dichloropropene	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Trichloroethene	(ug/kg)	470	10000	6.3 U	5.9 U	5.7 U	5.2 U
Trichlorofluoromethane	(ug/kg)			6.3 U	5.9 U	5.7 U	5.2 U
Vinyl chloride	(ug/kg)	20	210	6.3 U	5.9 U	5.7 U	5.2 U

See the Endnotes following the last page of this table.

Table 4--4
Semivolatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 6
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-12 SB12(10.0-10.5) 12/14/2012 10.50	SB-13 SB13(10.0-10.5) 12/14/2012 10.50	SB-14 SB14(10.0-10.5) 12/14/2012 10.50	SB-15 SB15(10.0-10.5) 12/14/2012 10.50
Starting Depth	(feet)			10.00	10.00	10.00	10.00
Ending Depth	(feet)			10.50	10.50	10.50	10.50
1,2,4,5-Tetrachlorobenzene	(ug/kg)			360 U	360 U	390 U	370 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)			360 U	360 U	390 U	370 U
2,3,4,6-Tetrachlorophenol	(ug/kg)			360 U	360 U	390 U	370 U
2,4,5-Trichlorophenol	(ug/kg)			730 U	730 U	790 U	760 U
2,4,6-Trichlorophenol	(ug/kg)			360 U	360 U	390 U	370 U
2,4-Dichlorophenol	(ug/kg)			360 U	360 U	390 U	370 U
2,4-Dimethylphenol	(ug/kg)			360 U	360 U	390 U	370 U
2,4-Dinitrophenol	(ug/kg)			730 U	730 U	790 U	760 U
2,4-Dinitrotoluene	(ug/kg)			360 U	360 U	390 U	370 U
2,6-Dinitrotoluene	(ug/kg)			360 U	360 U	390 U	370 U
2-Chloronaphthalene	(ug/kg)			360 U	360 U	390 U	370 U
2-Chlorophenol	(ug/kg)			360 U	360 U	390 U	370 U
2-Methylnaphthalene	(ug/kg)			4900	360 U	390 U	370 U
3,3-Dichlorobenzidine	(ug/kg)			360 U	360 U	390 U	370 U
4,6-Dinitro-o-cresol	(ug/kg)			730 U	730 U	790 U	760 U
4-Bromofluorobenzene	(ug/kg)			360 U	360 U	390 U	370 U
4-Chlorophenyl phenyl ether	(ug/kg)			360 U	360 U	390 U	370 U
Acenaphthene	(ug/kg)	98000	100000	360 U	360 U	390 U	370 U
Acenaphthylene	(ug/kg)	107000	100000	360 U	360 U	390 U	370 U
Acetophenone	(ug/kg)			360 U	360 U	390 U	370 U
Anthracene	(ug/kg)	1000000	100000	220 J	360 U	390 U	370 U
Atrazine	(ug/kg)			360 U	360 U	390 U	370 U
Benzaldehyde	(ug/kg)			360 U	360 U	390 U	370 U
Benzo(a)anthracene	(ug/kg)	1000	1000	190 J	360 U	390 U	370 U
Benzo(a)pyrene	(ug/kg)	22000	1000	220 J	360 U	390 U	370 U
Benzo(b)fluoranthene	(ug/kg)	1700	1000	240 J	360 U	390 U	370 U
Benzo(ghi)perylene	(ug/kg)	1000000	100000	180 J	360 U	390 U	370 U

See the Endnotes following the last page of this table.

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Date: 11/05/2013

	SITE			SB-12	SB-13	SB-14	SB-15
	SAMPLE ID	6NYCRR Part 375	Restricted	SB12(10.0-10.5)	SB13(10.0-10.5)	SB14(10.0-10.5)	SB15(10.0-10.5)
CONSTITUENT	DATE	Protection of	Residential Use	12/14/2012	12/14/2012	12/14/2012	12/14/2012
	DEPTH (ft)	Groundwater SCO	SCO	10.50	10.50	10.50	10.50
Benzo(k)fluoranthene	(ug/kg)	1700	1000	84 J	360 U	390 U	370 U
Biphenyl	(ug/kg)			360 U	360 U	390 U	370 U
Bis(2-chloroethoxy)methane	(ug/kg)			360 U	360 U	390 U	370 U
Bis(2-chloroethyl)ether	(ug/kg)			360 U	360 U	390 U	370 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)			89 J	67 J	100 J	370 U
Butyl benzyl phthalate	(ug/kg)			360 U	360 U	390 U	370 U
Caprolactam	(ug/kg)			360 U	360 U	390 U	370 U
Carbazole	(ug/kg)			360 U	360 U	390 U	370 U
Chrysene	(ug/kg)	1000	1000	220 J	360 U	390 U	370 U
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	66 J	360 U	390 U	370 U
Dibenzofuran	(ug/kg)	210000	14000	360 U	360 U	390 U	370 U
Diethyl phthalate	(ug/kg)			360 U	360 U	390 U	370 U
Dimethyl phthalate	(ug/kg)			360 U	360 U	390 U	370 U
Di-n-butyl phthalate	(ug/kg)			290 J	220 J	290 J	250 J
Di-n-octyl phthalate	(ug/kg)			360 U	360 U	390 U	370 U
Fluoranthene	(ug/kg)	1000000	100000	350 J	360 U	390 U	370 U
Fluorene	(ug/kg)	386000	100000	360 U	360 U	390 U	370 U
Hexachlorobenzene	(ug/kg)	3200	330	360 U	360 U	390 U	370 U
Hexachlorobutadiene	(ug/kg)			360 U	360 U	390 U	370 U
Hexachlorocyclopentadiene	(ug/kg)			360 U	360 U	390 U	370 U
Hexachloroethane	(ug/kg)			360 U	360 U	390 U	370 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	120 J	360 U	390 U	370 U
Isophorone	(ug/kg)			360 U	360 U	390 U	370 U
m-Nitroaniline	(ug/kg)			730 U	730 U	790 U	760 U
Naphthalene	(ug/kg)	12000	100000	2700	360 U	390 U	370 U
Nitrobenzene	(ug/kg)			360 U	360 U	390 U	370 U
N-Nitosodiphenylamine	(ug/kg)			360 U	360 U	390 U	370 U
N-Nitosodipropylamine	(ug/kg)			360 U	360 U	390 U	370 U
o-Cresol	(ug/kg)	330	100000	360 U	360 U	390 U	370 U

See the Endnotes following the last page of this table.

Table 4-4
Semivolatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C20305
Bronx, New York

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

	SITE			SB-12	SB-13	SB-14	SB-15
	SAMPLE ID	6NYCRR Part 375	Restricted	SB12(10.0-10.5)	SB13(10.0-10.5)	SB14(10.0-10.5)	SB15(10.0-10.5)
CONSTITUENT	DATE	Protection of	Residential Use	12/14/2012	12/14/2012	12/14/2012	12/14/2012
	DEPTH (ft)	Groundwater SCO	SCO	10.50	10.50	10.50	10.50
o-Nitroaniline	(ug/kg)			730 U	730 U	790 U	760 U
o-Nitrophenol	(ug/kg)			360 U	360 U	390 U	370 U
p-Chloroaniline	(ug/kg)			360 U	360 U	390 U	370 U
p-Chloro-m-cresol	(ug/kg)			360 U	360 U	390 U	370 U
p-Cresol	(ug/kg)	330	34000	360 U	360 U	390 U	370 U
Pentachlorophenol	(ug/kg)	800	2400	730 U	730 U	790 U	760 U
Phenanthrene	(ug/kg)	1000000	100000	2600	360 U	390 U	370 U
Phenol	(ug/kg)	330	100000	360 U	360 U	390 U	370 U
p-Nitroaniline	(ug/kg)			730 U	730 U	790 U	760 U
p-Nitrophenol	(ug/kg)			730 U	730 U	790 U	760 U
Pyrene	(ug/kg)	1000000	100000	560	360 U	390 U	370 U

See the Endnotes following the last page of this table.

Table 4--4
Semivolatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 4 of 6
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Starting Depth	(feet)			10.00	10.00	10.50	10.50
Ending Depth	(feet)			10.50	10.50	11.00	11.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)			370 U	360 U	340 U	370 U
2,2'-oxybis(1-Chloropropane)	(ug/kg)			370 U	360 U	340 U	370 U
2,3,4,6-Tetrachlorophenol	(ug/kg)			370 U	360 U	340 U	370 U
2,4,5-Trichlorophenol	(ug/kg)			760 U	740 U	690 U	760 U
2,4,6-Trichlorophenol	(ug/kg)			370 U	360 U	340 U	370 U
2,4-Dichlorophenol	(ug/kg)			370 U	360 U	340 U	370 U
2,4-Dimethylphenol	(ug/kg)			370 U	360 U	340 U	370 U
2,4-Dinitrophenol	(ug/kg)			760 U	740 U	690 U	760 U
2,4-Dinitrotoluene	(ug/kg)			370 U	360 U	340 U	370 U
2,6-Dinitrotoluene	(ug/kg)			370 U	360 U	340 U	370 U
2-Chloronaphthalene	(ug/kg)			370 U	360 U	340 U	370 U
2-Chlorophenol	(ug/kg)			370 U	360 U	340 U	370 U
2-Methylnaphthalene	(ug/kg)			1700	360 U	270 J	370 U
3,3-Dichlorobenzidine	(ug/kg)			370 U	360 U	340 U	370 U
4,6-Dinitro-o-cresol	(ug/kg)			760 U	740 U	690 U	760 U
4-Bromofluorobenzene	(ug/kg)			370 U	360 U	340 U	370 U
4-Chlorophenyl phenyl ether	(ug/kg)			370 U	360 U	340 U	370 U
Acenaphthene	(ug/kg)	98000	100000	370 U	360 J	140 J	370 U
Acenaphthylene	(ug/kg)	107000	100000	370 U	360 U	340 U	370 U
Acetophenone	(ug/kg)			370 U	360 U	340 U	370 U
Anthracene	(ug/kg)	1000000	100000	91 J	150 J	340 U	370 U
Atrazine	(ug/kg)			370 U	360 U	340 U	370 U
Benzaldehyde	(ug/kg)			370 U	360 U	340 U	370 U
Benzo(a)anthracene	(ug/kg)	1000	1000	150 J	350 J	140 J	370 U
Benzo(a)pyrene	(ug/kg)	22000	1000	120 J	320 J	120 J	370 U
Benzo(b)fluoranthene	(ug/kg)	1700	1000	150 J	420	150 J	370 U
Benzo(ghi)perylene	(ug/kg)	1000000	100000	110 J	290 J	130 J	370 U

See the Endnotes following the last page of this table.

Table 4--4
Semivolatile Organic Compounds Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 5 of 6
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Benzo(k)fluoranthene	(ug/kg)	1700	1000	90 J	150 J	79 J	370 U
Biphenyl	(ug/kg)			370 U	360 U	340 U	370 U
Bis(2-chloroethoxy)methane	(ug/kg)			370 U	360 U	340 U	370 U
Bis(2-chloroethyl)ether	(ug/kg)			370 U	360 U	340 U	370 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)			120 J	88 J	120 J	370 U
Butyl benzyl phthalate	(ug/kg)			370 U	360 U	340 U	370 U
Caprolactam	(ug/kg)			400	360 U	210 J	370 U
Carbazole	(ug/kg)			370 U	360 U	340 U	370 U
Chrysene	(ug/kg)	1000	1000	170 J	320 J	140 J	370 U
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	370 U	360 U	340 U	370 U
Dibenzofuran	(ug/kg)	210000	14000	370 U	180 J	81 J	370 U
Diethyl phthalate	(ug/kg)			370 U	360 U	340 U	370 U
Dimethyl phthalate	(ug/kg)			370 U	360 U	340 U	370 U
Di-n-butyl phthalate	(ug/kg)			230 J	240 J	180 J	280 J
Di-n-octyl phthalate	(ug/kg)			370 U	360 U	340 U	370 U
Fluoranthene	(ug/kg)	1000000	100000	370 J	710	340 J	370 U
Fluorene	(ug/kg)	386000	100000	300 J	240 J	150 J	370 U
Hexachlorobenzene	(ug/kg)	3200	330	370 U	360 U	340 U	370 U
Hexachlorobutadiene	(ug/kg)			370 U	360 U	340 U	370 U
Hexachlorocyclopentadiene	(ug/kg)			370 U	360 U	340 U	370 U
Hexachloroethane	(ug/kg)			370 U	360 U	340 U	370 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	370 U	210 J	88 J	370 U
Isophorone	(ug/kg)			370 U	360 U	340 U	370 U
m-Nitroaniline	(ug/kg)			760 U	740 U	690 U	760 U
Naphthalene	(ug/kg)	12000	100000	150 J	360 U	340 U	370 U
Nitrobenzene	(ug/kg)			370 U	360 U	340 U	370 U
N-Nitrosodiphenylamine	(ug/kg)			370 U	360 U	340 U	370 U
N-Nitrosodipropylamine	(ug/kg)			370 U	360 U	340 U	370 U
o-Cresol	(ug/kg)	330	100000	370 U	360 U	340 U	370 U

See the Endnotes following the last page of this table.

Page: 6 of 6
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive
SAMPLE TYPE: Soil

[illegible]

Table 4--4
Pesticide Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 2
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-12 SB12(10.0-10.5) 12/14/2012 10.50	SB-13 SB13(10.0-10.5) 12/14/2012 10.50	SB-14 SB14(10.0-10.5) 12/14/2012 10.50	SB-15 SB15(10.0-10.5) 12/14/2012 10.50
Starting Depth	(feet)			10.00	10.00	10.00	10.00
Ending Depth	(feet)			10.50	10.50	10.50	10.50
4,4'-DDD	(ug/kg)	14000	2600	3.7 U	3.6 U	3.9 U J	3.8 U J
4,4'-DDE	(ug/kg)	17000	1800	3.7 U	3.6 U J	3.9 U J	3.8 U J
4,4'-DDT	(ug/kg)	136000	1700	3.7 U	3.6 U	3.9 U J	3.8 U J
Aldrin	(ug/kg)	190	19	1.9 U	1.9 U	2.0 U J	2.0 U J
alpha-BHC	(ug/kg)	20	97	1.9 U	1.9 U	2.0 U J	2.0 U J
alpha-Chlordane	(ug/kg)	2900	910	1.9 U	1.9 U J	2.0 U J	2.0 U J
beta-BHC	(ug/kg)	90	72	1.9 U	1.9 U	2.0 U J	2.0 U J
delta-BHC	(ug/kg)	250	100000	1.9 U	1.9 U	2.0 U J	2.0 U J
Dieldrin	(ug/kg)	100	39	3.7 U	3.6 U	3.9 U J	3.8 U J
Endosulfan I	(ug/kg)	102000	4800	1.9 U	1.9 U	2.0 U J	2.0 U J
Endosulfan II	(ug/kg)	102000	4800	3.7 U	3.6 U	3.9 U J	3.8 U J
Endosulfan sulfate	(ug/kg)	1000000	4800	3.7 U	3.6 U	3.9 U J	3.8 U J
Endrin	(ug/kg)	60	2200	3.7 U	3.6 U	3.9 U J	3.8 U J
Endrin aldehyde	(ug/kg)			3.7 U	3.6 U	3.9 U J	3.8 U J
Endrin ketone	(ug/kg)			3.7 U	3.6 U J	3.9 U J	3.8 U J
gamma-BHC (Lindane)	(ug/kg)	100	280	1.9 U	1.9 U	2.0 U J	2.0 U J
gamma-Chlordane	(ug/kg)			1.9 U	1.9 U J	2.0 U J	2.0 U J
Heptachlor	(ug/kg)	380	420	1.9 U	1.9 U	2.0 U J	2.0 U J
Heptachlor epoxide	(ug/kg)			1.9 U	1.9 U J	2.0 U J	2.0 U J
Methoxychlor	(ug/kg)			19 U	19 U	20 U J	20 U J
Toxaphene	(ug/kg)			190 U	190 U	200 U J	200 U J

See the Endnotes following the last page of this table.

Table 4--4
Pesticide Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Starting Depth	(feet)			10.00	10.00	10.50	10.50
Ending Depth	(feet)			10.50	10.50	11.00	11.00
4,4'-DDD	(ug/kg)	14000	2600	3.7 U J	3.7 U	3.5 U J	3.8 U
4,4'-DDE	(ug/kg)	17000	1800	3.7 U J	3.7 U	3.5 U J	3.8 U
4,4'-DDT	(ug/kg)	136000	1700	3.7 U J	3.7 U	3.5 U J	3.8 U
Aldrin	(ug/kg)	190	19	1.9 U J	1.9 U	1.8 U J	1.9 U
alpha-BHC	(ug/kg)	20	97	1.9 U J	1.9 U	1.8 U J	1.9 U
alpha-Chlordane	(ug/kg)	2900	910	1.9 U J	1.9 U	1.8 U J	1.9 U
beta-BHC	(ug/kg)	90	72	1.9 U J	1.9 U	1.8 U J	1.9 U
delta-BHC	(ug/kg)	250	100000	1.9 U J	1.9 U	1.8 U J	1.9 U
Dieldrin	(ug/kg)	100	39	3.7 U J	3.7 U	3.5 U J	3.8 U
Endosulfan I	(ug/kg)	102000	4800	1.9 U J	1.9 U	1.8 U J	1.9 U
Endosulfan II	(ug/kg)	102000	4800	3.7 U J	3.7 U	3.5 U J	3.8 U
Endosulfan sulfate	(ug/kg)	1000000	4800	3.7 U J	3.7 U	3.5 U J	3.8 U
Endrin	(ug/kg)	60	2200	3.7 U J	3.7 U	3.5 U J	3.8 U
Endrin aldehyde	(ug/kg)			3.7 U J	3.7 U	3.5 U J	3.8 U
Endrin ketone	(ug/kg)			3.7 U J	3.7 U	3.5 U J	3.8 U
gamma-BHC (Lindane)	(ug/kg)	100	280	1.9 U J	1.9 U	1.8 U J	1.9 U
gamma-Chlordane	(ug/kg)			1.9 U J	1.9 U	1.8 U J	1.9 U
Heptachlor	(ug/kg)	380	420	1.9 U J	1.9 U	1.8 U J	1.9 U
Heptachlor epoxide	(ug/kg)			1.9 U J	1.9 U	1.8 U J	1.9 U
Methoxychlor	(ug/kg)			19 U J	19 U	18 U J	19 U
Toxaphene	(ug/kg)			190 U J	190 U	180 U J	190 U

See the Endnotes following the last page of this table.

Table 4--4
Metals Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 2
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-12 SB12(10.0-10.5) 12/14/2012 10.50	SB-13 SB13(10.0-10.5) 12/14/2012 10.50	SB-14 SB14(10.0-10.5) 12/14/2012 10.50	SB-15 SB15(10.0-10.5) 12/14/2012 10.50
Starting Depth	(feet)			10.00	10.00	10.00	10.00
Ending Depth	(feet)			10.50	10.50	10.50	10.50
Aluminum	(mg/kg)			7980	7060	12000	11200
Antimony	(mg/kg)			0.46 J	0.92 U J	0.73 J	0.48 J
Arsenic	(mg/kg)	16	16	0.76 J	1.3	0.98 J	2.9
Barium	(mg/kg)	820	350	61.0	41.9	66.9	45.3
Beryllium	(mg/kg)	47	14	0.23 J	0.23 J	0.20 J	0.38
Cadmium	(mg/kg)	7.5	2.5	0.25 U	0.23 U	0.28 U	0.25 U
Calcium	(mg/kg)			2740	1080	2190	1030
Chromium	(mg/kg)		36	18.4	9.8	21.9	11.6
Cobalt	(mg/kg)			7.6	5.1	9.0	8.8
Copper	(mg/kg)	1720	270	21.0 J	8.5 J	18.8 J	16.1 J
Iron	(mg/kg)			14100 J	11800 J	15400 J	16400 J
Lead	(mg/kg)	450	400	10.4	4.4	4.6	10.5
Magnesium	(mg/kg)			5080	2670	7220	3910
Manganese	(mg/kg)	2000	2000	290	240	398	258
Mercury	(mg/kg)	0.73	0.81	0.035 J	0.0087 J	0.011 J	0.0085 J
Nickel	(mg/kg)	130	140	14.9	11.4	20.5	16.7
Potassium	(mg/kg)			1480 J	749 J	1500 J	664 J
Selenium	(mg/kg)	4	36	1.5 U	1.4 U	1.7 U	1.5 U
Silver	(mg/kg)	8.3	36	1.5 U	1.4 U	0.097 J	1.5 U
Sodium	(mg/kg)			203 U J	80.7 U J	71.8 U J	53.1 U J
Thallium	(mg/kg)			0.99 U	0.25 J	0.31 J	0.99 U
Vanadium	(mg/kg)			24.2	17.0	26.5	17.6
Zinc	(mg/kg)	2480	2200	41.7	22.9	56.4	43.8

See the Endnotes following the last page of this table.

Table 4--4
Metals Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/14/2012 thru 12/14/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	SB-16 SB16(10.0-10.5) 12/14/2012 10.50	SB-17 SB17(10.0-10.5) 12/14/2012 10.50	SB-18 SB18(10.5-11) 12/14/2012 11.00	SB-19 SB19(10.5-11) 12/14/2012 11.00
Starting Depth	(feet)			10.00	10.00	10.50	10.50
Ending Depth	(feet)			10.50	10.50	11.00	11.00
Aluminum	(mg/kg)			10100	8500	7900	10800
Antimony	(mg/kg)			0.61 J	0.66 J	0.51 J	0.69 J
Arsenic	(mg/kg)	16	16	1.2	2.5	1.4	2.1
Barium	(mg/kg)	820	350	117	95.2	66.0	61.7
Beryllium	(mg/kg)	47	14	0.39	0.24	0.21	0.23 J
Cadmium	(mg/kg)	7.5	2.5	0.23 U	0.092 J	0.19 U	0.27 U
Calcium	(mg/kg)			1580	5880	28800	1770
Chromium	(mg/kg)		36	14.0	13.6	23.8	18.1
Cobalt	(mg/kg)			8.2	7.2	9.4	8.4
Copper	(mg/kg)	1720	270	20.9 J	25.6 J	37.1 J	21.6 J
Iron	(mg/kg)			16300 J	13400 J	13600 J	15800 J
Lead	(mg/kg)	450	400	23.0	109	69.2	13.3
Magnesium	(mg/kg)			3840	6000	24100	5010
Manganese	(mg/kg)	2000	2000	613	242	311	311
Mercury	(mg/kg)	0.73	0.81	0.082	0.26	0.12	0.014 J
Nickel	(mg/kg)	130	140	14.8	13.1	19.3	19.4
Potassium	(mg/kg)			1020 J	1010 J	1440 J	1250 J
Selenium	(mg/kg)	4	36	0.65 J	1.3 U	1.1 U	1.6 U
Silver	(mg/kg)	8.3	36	1.4 U	0.079 J	0.069 J	1.6 U
Sodium	(mg/kg)			61.0 U J	144 U J	163 U J	77.0 U J
Thallium	(mg/kg)			0.42 J	0.84 U	0.73 J	1.1 U
Vanadium	(mg/kg)			19.0	18.9	24.2	24.4
Zinc	(mg/kg)	2480	2200	46.7	211	90.6	55.4

See the Endnotes following the last page of this table.

Table 4-4
Post-Excavation
Sampling Results - MW-02 Area
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Notes:

- $\mu\text{g/kg}$ = micrograms per kilogram (parts per billion; ppb).
- mg/kg = milligrams per kilogram (parts per million; ppm).
- The soil analytical data were compared to the New York State Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) 6NYCRR Subpart 375-6: Remedial Program Soil Cleanup Objectives - December 2006
- [Bracketed] and highlighted values indicate exceedances one or more of these criteria.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

Page: 1 of 2
Date: 11/05/2013

SAMPLE TYPE: Soil

	SITE			TANK B	TANK E	TANK N	TANK S
	SAMPLE ID	6NYCRR Part 375	Restricted	TANK BOTTOM (7)	TANK E (7)	TANK N (7)	TANK S (7)
CONSTITUENT	DATE	Protection of	Residential Use	12/10/2012	12/10/2012	12/10/2012	12/10/2012
	DEPTH (ft)	Groundwater SCO	SCO	7.00	7.00	7.00	7.00
Starting Depth	(feet)			7.00	7.00	7.00	7.00
Ending Depth	(feet)			7.00	7.00	7.00	7.00
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	5.5 U	5.8 U	5.7 U	5.8 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	5.5 U	5.8 U	5.7 U	5.8 U
Benzene	(ug/kg)	60	2900	5.5 U	5.8 U	5.7 U	5.8 U
Ethylbenzene	(ug/kg)	1000	30000	5.5 U	5.8 U	5.7 U	5.8 U
Isopropylbenzene	(ug/kg)			5.5 U	5.8 U	5.7 U	5.8 U
m+p-Xylene	(ug/kg)			5.5 U	5.8 U	5.7 U	5.8 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	5.5 U	5.8 U	5.7 U	5.8 U
Naphthalene	(ug/kg)	12000	100000	5.5 U	5.8 U	5.7 U	5.8 U
o-Xylene	(ug/kg)			5.5 U	5.8 U	5.7 U	5.8 U
p-Isopropyltoluene	(ug/kg)			5.5 U	5.8 U	5.7 U	5.8 U
sec-Butylbenzene	(ug/kg)	11000	100000	5.5 U	5.8 U	5.7 U	5.8 U
tert-Butylbenzene	(ug/kg)	5900	100000	5.5 U	5.8 U	5.7 U	5.8 U
Toluene	(ug/kg)	700	100000	5.5 U	5.8 U	5.7 U	5.8 U
Xylene (total)	(ug/kg)	1600	100000	5.5 U	5.8 U	5.7 U	5.8 U

See the Endnotes following the last page of this table.

Table 4-5
Volatile Organic Compound Post-Excavation
Sampling Results - UST Removal
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/10/2012 thru 12/10/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	TANK W TANK W (7) 12/10/2012 7.00
Starting Depth	(feet)			7.00
Ending Depth	(feet)			7.00
1,2,4-Trimethylbenzene	(ug/kg)	3600	47000	5.4 U
1,3,5-Trimethylbenzene	(ug/kg)	8400	47000	5.4 U
Benzene	(ug/kg)	60	2900	5.4 U
Ethylbenzene	(ug/kg)	1000	30000	5.4 U
Isopropylbenzene	(ug/kg)			5.4 U
m+p-Xylene	(ug/kg)			5.4 U
Methyl Tertiary Butyl Ether	(ug/kg)	930	62000	5.4 U
Naphthalene	(ug/kg)	12000	100000	5.4 U
o-Xylene	(ug/kg)			5.4 U
p-Isopropyltoluene	(ug/kg)			5.4 U
sec-Butylbenzene	(ug/kg)	11000	100000	5.4 U
tert-Butylbenzene	(ug/kg)	5900	100000	5.4 U
Toluene	(ug/kg)	700	100000	5.4 U
Xylene (total)	(ug/kg)	1600	100000	5.4 U
See the Endnotes following the last page of this table.				

Table 4-5
Semivolatile Organic Compound Post-Excavation
Sampling Results - UST Removal
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 2
Date: 11/05/2013

PERIOD: From 12/10/2012 thru 12/10/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	TANK B TANK BOTTOM (7) 12/10/2012 7.00	TANK E TANK E (7) 12/10/2012 7.00	TANK N TANK N (7) 12/10/2012 7.00	TANK S TANK S (7) 12/10/2012 7.00
Starting Depth	(feet)			7.00	7.00	7.00	7.00
Ending Depth	(feet)			7.00	7.00	7.00	7.00
Acenaphthene	(ug/kg)	98000	100000	170 J	920	80 J	580
Anthracene	(ug/kg)	1000000	100000	550	2500	470	1200
Benzo(a)anthracene	(ug/kg)	1000	1000	[2300]	[5600]	[1800]	[2600]
Benzo(a)pyrene	(ug/kg)	22000	1000	[2200]	[5100]	[1700]	[2400]
Benzo(b)fluoranthene	(ug/kg)	1700	1000	[2800]	[6500]	[2300]	[3100]
Benzo(ghi)perylene	(ug/kg)	1000000	100000	1300	3300	1100	1500
Benzo(k)fluoranthene	(ug/kg)	1700	1000	[1100]	[2300]	850	[1300]
Chrysene	(ug/kg)	1000	1000	[2200]	[5200]	[1600]	[2500]
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	[360] J	[870]	300 J	[410]
Fluoranthene	(ug/kg)	1000000	100000	3900	11000	3200	5400
Fluorene	(ug/kg)	386000	100000	160 J	910	140 J	520
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	[1200]	[2800]	[950]	[1300]
Naphthalene	(ug/kg)	12000	100000	360 U	380 J	380 U	230 J
Phenanthrene	(ug/kg)	1000000	100000	2300	8600	1700	4400
Pyrene	(ug/kg)	1000000	100000	4000	9300	2800	4600

See the Endnotes following the last page of this table.

[x]=Greater than Action Level

Table 4-5
Semivolatile Organic Compound Post-Excavation
Sampling Results - UST Removal
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 2 of 2
Date: 11/05/2013

PERIOD: From 12/10/2012 thru 12/10/2012 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	6NYCRR Part 375 Protection of Groundwater SCO	Restricted Residential Use SCO	TANK W TANK W (7) 12/10/2012 7.00
Starting Depth	(feet)			7.00
Ending Depth	(feet)			7.00
Acenaphthene	(ug/kg)	98000	100000	350 U
Anthracene	(ug/kg)	1000000	100000	120 J
Benzo(a)anthracene	(ug/kg)	1000	1000	610
Benzo(a)pyrene	(ug/kg)	22000	1000	610
Benzo(b)fluoranthene	(ug/kg)	1700	1000	760
Benzo(ghi)perylene	(ug/kg)	1000000	100000	400
Benzo(k)fluoranthene	(ug/kg)	1700	1000	310 J
Chrysene	(ug/kg)	1000	1000	600
Dibenzo(a,h)anthracene	(ug/kg)	1000000	330	100 J
Fluoranthene	(ug/kg)	1000000	100000	1000
Fluorene	(ug/kg)	386000	100000	350 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	8200	500	340 J
Naphthalene	(ug/kg)	12000	100000	350 U
Phenanthrene	(ug/kg)	1000000	100000	450
Pyrene	(ug/kg)	1000000	100000	1000
See the Endnotes following the last page of this table.				

Table 4-5
Post-Excavation
Sampling Results - UST Removal
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Notes:

- $\mu\text{g/kg}$ = micrograms per kilogram (parts per billion; ppb).
- mg/kg = milligrams per kilogram (parts per million; ppm).
- The soil analytical data were compared to the New York State Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) 6NYCRR Subpart 375-6: Remedial Program Soil Cleanup Objectives - December 2006
- [Bracketed] and highlighted values indicate exceedances one or more of these criteria.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

Table 4-6
ISCO Pre-Design Groundwater
Sampling Results
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Page: 1 of 1
Date: 08/27/2013

PERIOD: From 07/11/2012 thru 07/11/2012 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE	NYSDEC TOGS	MW-06T MW-06T 07/11/2012	MW-07T MW-07T 07/11/2012	MW-08T MW-08T 07/11/2012	MW-09T MW-09T 07/11/2012	MW-10T MW-10T 07/11/2012
Acetone	(ug/l)	50	39.2	9.4	6.5	5.9	5.0 U
Benzene	(ug/l)	1	0.42 J	0.33 J	1.0 U	1.0 U	1.0 U
Carbon Disulfide	(ug/l)	60	0.34 J	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	(ug/l)	7	1.0 U	0.59 J	1.0 U	0.72 J	1.0 U
Chloromethane	(ug/l)	5	1.0 U	0.59 J	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	(ug/l)	5	1.0 U	[23.5]	1.0 U	[74.3]	1.0 U
Cyclohexane	(ug/l)		133	2.0 U	2.0 U	2.0 U	2.0 U
Ethylbenzene	(ug/l)	5	[18.6]	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	(ug/l)	5	[17.6]	1.0 U	1.0 U	1.0 U	1.0 U
m+p-Xylene	(ug/l)	5	[62.9]	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Cyclohexane	(ug/l)		292	5.0 U	5.0 U	0.49 J	5.0 U
Methyl Tertiary Butyl Ether	(ug/l)	10	1.0 U	1.0 U	1.0 U	0.63 J	1.0 U
o-Xylene	(ug/l)	5	3.4	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	(ug/l)	5	1.0 U	[76.5]	0.58 J	[210]	1.0 U
Toluene	(ug/l)	5	1.0 U	0.34 J	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	0.30 J	1.0 U
Trichloroethene	(ug/l)	5	1.0 U	[14.6]	1.0 U	[43.6]	1.0 U
Xylene (total)	(ug/l)	5	[66.3]	1.0 U	1.0 U	1.0 U	1.0 U

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 4-6
ISCO Pre-Design Groundwater
Sampling Results
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Notes:

- µg/l = micrograms per liter (parts per billion; ppb).
- The groundwater analytical data were compared to the Technical & Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (GWQS).
- [Bracketed] and highlighted values indicate exceedance of the GWQS.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The compound was detected at a concentration below the reporting limit but greater than the method detection limit (MDL) or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

Table 4-7a

Post-Remediation Groundwater Sampling Results - VOCs

Borinquen Court Brownfield Cleanup Site No. C203056

Bronx, New York

PERIOD: From 09/25/2013 thru 09/26/2013 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE RESULT TYPE	NYSDEC TOGS	MW-11D JB48822-1 09/25/2013 Primary	MW-11S JB48822-2 09/25/2013 Primary	MW-12D JB48822-6 09/26/2013 Primary	MW-12D JB48822-7 09/26/2013 Duplicate 1	MW-12S JB48822-8 09/26/2013 Primary
1,1,1-Trichloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane	(ug/l)	0.04	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	(ug/l)	0.0006	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J
1,2-Dichloroethane	(ug/l)	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	(ug/l)		130 U J	130 U	130 U	130 U	130 U
2-Butanone	(ug/l)	50	10 U	10 U	10 U	10 U	10 U
2-Hexanone	(ug/l)	50	5.0 U J	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	(ug/l)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	(ug/l)	50	10 U	10 U	10 U	10 U	10 U
Benzene	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	(ug/l)	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	(ug/l)	50	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Bromomethane	(ug/l)	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Disulfide	(ug/l)	60	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	(ug/l)	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this table.

SAMPLE TYPE: Water

	SITE		MW-11D	MW-11S	MW-12D	MW-12D	MW-12S
	LAB SAMPLE ID		JB48822-1	JB48822-2	JB48822-6	JB48822-7	JB48822-8
CONSTITUENT	DATE	NYSDEC	09/25/2013	09/25/2013	09/26/2013	09/26/2013	09/26/2013
	RESULT TYPE	TOGS	Primary	Primary	Primary	Duplicate 1	Primary
Chloromethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	(ug/l)	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	(ug/l)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	(ug/l)	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Freon 113	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	(ug/l)	5	2.0 U	2.0 U	2.0 U	2.0 U	0.37 J
m+p-Xylene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	(ug/l)		5.0 U J	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Cyclohexane	(ug/l)		5.0 U	5.0 U	0.65 J	5.0 U	0.48 J
Methyl Tertiary Butyl Ether	(ug/l)	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	(ug/l)	5	2.0 U J	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	(ug/l)	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	(ug/l)	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this table.

Table 4-7a
 Post-Remediation Groundwater Sampling Results - VOCs
 Borinquen Court Brownfield Cleanup Site No. C203056
 Bronx, New York

PERIOD: From 09/25/2013 thru 09/26/2013 - Inclusive

SAMPLE TYPE: Water

CONSTITUENT	SITE LAB SAMPLE ID DATE RESULT TYPE	NYSDEC TOGS	MW-13D JB48822-9 09/26/2013 Primary	MW-13S JB48822-10 09/26/2013 Primary	MW-14D JB48822-3 09/25/2013 Primary	MW-14S JB48822-5 09/26/2013 Primary
1,1,1-Trichloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane	(ug/l)	0.04	10 U	10 U	10 U	10 U
1,2-Dibromoethane	(ug/l)	0.0006	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	(ug/l)	0.6	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	(ug/l)	3	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	(ug/l)		130 U	130 U	130 U	130 U
2-Butanone	(ug/l)	50	10 U	10 U	10 U	10 U
2-Hexanone	(ug/l)	50	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	(ug/l)		5.0 U	5.0 U	5.0 U	5.0 U
Acetone	(ug/l)	50	45.2	6.8 J	10 U	13.0
Benzene	(ug/l)	1	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	(ug/l)	50	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	(ug/l)	50	4.0 U	4.0 U	4.0 U	4.0 U
Bromomethane	(ug/l)	5	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Disulfide	(ug/l)	60	0.30 J	0.38 J	2.0 U	0.29 J
Carbon Tetrachloride	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	(ug/l)	7	1.0 U	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this table.

SAMPLE TYPE: Water

	SITE		MW-13D	MW-13S	MW-14D	MW-14S
	LAB SAMPLE ID		JB48822-9	JB48822-10	JB48822-3	JB48822-5
CONSTITUENT	DATE	NYSDEC	09/26/2013	09/26/2013	09/25/2013	09/26/2013
	RESULT TYPE	TOGS	Primary	Primary	Primary	Primary
Chloromethane	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	(ug/l)	0.4	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	(ug/l)		5.0 U	5.0 U	0.79 J	5.0 U
Dibromochloromethane	(ug/l)	50	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Freon 113	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	(ug/l)	5	2.0 U	2.0 U	2.0 U	2.0 U
m+p-Xylene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	(ug/l)		5.0 U	5.0 U	5.0 U	5.0 U
Methyl Cyclohexane	(ug/l)		5.0 U	5.0 U	0.53 J	5.0 U
Methyl Tertiary Butyl Ether	(ug/l)	10	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	(ug/l)	5	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	(ug/l)	0.4	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	(ug/l)	5	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	(ug/l)	2	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	(ug/l)	5	1.0 U	1.0 U	1.0 U	1.0 U

See the Endnotes following the last page of this table.

Table 4-7a
Post-Remediation Groundwater Sampling Results - VOCs
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Notes:

- Volatile Organic Compounds (VOCs).
- µg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit (RL). The value is usable as a non-detect at the RL.
J	Estimated value. The compound was detected at a concentration below the RL but greater than the method detection limit (MDL). The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the RL, however due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated RL.

Table 4-7b
Post-Remediation Groundwater Sampling Results
Groundwater Geochemical Parameters
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Post-Remedial Action Parameters

Sample Name	Collection Date / Time	Dissolved Oxygen (mg/L)	pH	Conductivity (ms/cm)	Oxidation-Reduction Potential (mV)
MW-11S	9/25/13 14:15	5.57	8.48	0.335	30
MW-11D	9/25/13 13:05	4.85	8.26	0.363	-67
MW-12S	9/26/13 12:35	2.85	8.13	1.260	-62
MW-12D	9/26/13 11:05	3.26	8.30	1.760	-85
MW-13S	9/26/13 14:00	5.32	8.72	0.219	-37
MW-13D	9/26/13 14:45	6.83	8.42	0.210	-29
MW-14S	9/26/13 9:45	6.65	8.35	0.252	-79
MW-14D	9/25/13 15:45	3.30	8.28	0.202	-133

Pre-Remedial Action Parameters

Sample Name	Collection Date / Time	Dissolved Oxygen (mg/L)	pH	Conductivity (ms/cm)	Oxidation-Reduction Potential (mV)
MW-02	10/26/11 11:15	0.80	6.63	2.14	-94
MW-04	10/26/11 16:45	1.30	6.49	1.21	-94
MW-05	10/28/11 10:10	4.03	6.40	1.04	-46
Note: wells decommissioned prior to RA					

Averages

Averages	Dissolved Oxygen (mg/L)	pH	Conductivity (ms/cm)	Oxidation-Reduction Potential (mV)
Pre-RA Average	2.04	6.51	1.46	-78
Post-RA Average	4.83	8.37	0.58	-58

RA - remedial action

mg/L - milligrams per liter

ms/cm - millisiemens per centimeter

mV - millivolt

Table 4-7c
Post-Remediation Groundwater Sampling Results
Colorimetric Analysis for Sodium Permanganate
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Sample Name	Collection Date / Time	Preservative (Note)	Filtered Color	Measured (ppm)	Dilution (X factor)	Concentration as NaMnO ₄ (ppm)	Concentration as NaMnO ₄ (%)	Notes
MW-11S	9/25/13 14:15	Ice only	Clear	0.0	1	0.0	0.00%	little brown sediment
MW-11D	9/25/13 13:05	Ice only	Clear	0.0	1	0.0	0.00%	little brown sediment
MW-12S	9/26/13 12:35	Ice only	Clear	0.0	1	0.0	0.00%	
MW-12D	9/26/13 11:05	Ice only	Clear	0.0	1	0.0	0.00%	
MW-13S	9/26/13 14:00	Ice only	Clear	0.0	1	0.0	0.00%	
MW-13D	9/26/13 14:45	Ice only	Clear	0.0	1	0.0	0.00%	
MW-14S	9/26/13 9:45	Ice only	Clear/Slight Yellow	0.0	1	0.0	0.00%	some brown sediment
MW-14D	9/25/13 no time	Ice only	Clear	0.0	1	0.0	0.00%	slight yellow before filtering

NaMnO₄ - sodium permanganate
ppm - parts per million

Table 4-8
Soil Vapor & Indoor Air Sampling Results - May 2013
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Sample ID	OA-02	IA-01	01-SS	IA-02	05-SS	IA-04	02-SS	IA-05	04-SS
Date Sampled	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013	5/9/2013
Matrix	Outdoor Air	Indoor Air	Sub-slab Vapor	Indoor Air	Sub-slab Vapor	Indoor Air	Sub-slab Vapor	Indoor Air	Sub-slab Vapor
Constituent (ug/m3)									
1,1,1,2-Tetrachloroethane	0.32 U	0.32 U	3.12 U	0.32 U	1.56 U	0.32 U	3.12 U	0.32 U	3.12 U
1,1,1-Trichloroethane	0.28 U	0.28 U	2.14 U	0.28 U	1.07 U	0.28 U	2.14 U	0.28 U	2.14 U
1,1,2,2-Tetrachloroethane	0.45 U	0.45 U	3.75 U	0.45 U	1.87 U	0.45 U	3.75 U	0.45 U	3.75 U
1,1,2-Trichloroethane	0.36 U	0.36 U	2.86 U	0.36 U	1.43 U	0.36 U	2.86 U	0.36 U	2.86 U
1,1-Dichloroethane	0.20 U	0.20 U	1.62 U	0.20 U	0.81 U	0.20 U	1.62 U	0.20 U	1.62 U
1,1-Dichloroethene	0.29 U	0.29 U	2.96 U	0.29 U	1.48 U	0.29 U	2.96 U	0.29 U	2.96 U
1,2,4-Trichlorobenzene	0.39 U	0.39 U	2.73 U J	0.39 U	1.37 U J	0.39 U	2.73 U	0.39 U	2.73 U J
1,2,4-Trimethylbenzene	0.39 J	14.85	4.92	11.11	3.1	2.56	9.83	1.72	2.85 J
1,2-Dibromoethane	0.33 U	0.33 U	4.69 U	0.33 U	2.34 U	0.33 U	4.69 U	0.33 U	4.69 U
1,2-Dichlorobenzene	0.32 U J	0.32 U J	2.79 U	0.32 U J	1.39 U	0.32 U J	2.79 U	0.32 U J	2.79 U
1,2-Dichloroethane	0.19 U	0.19 U	2.06 U	0.19 U	1.03 U	0.19 U	2.06 U	0.19 U	2.06 U
1,2-Dichloropropane	0.23 U	0.23 U	1.81 U	0.23 U	0.91 U	0.23 U	1.81 U	0.23 U	1.81 U
1,3,5-Trimethylbenzene	0.23 U	7.33	2.87 U	4.82	1.44 U	0.79	2.87 U	0.39 J	2.87 U
1,3-Butadiene	0.12 U	0.12 U	1.67 U	0.12 U	0.83 U	0.12 U	1.67 U	0.12 U	1.67 U
1,3-Dichlorobenzene	0.33 U	0.33 U	3.28 U	0.33 U	1.64 U	0.33 U	3.28 U	0.33 U	3.28 U
1,4-Dichlorobenzene	0.37 U	0.37 U	2.59 U	0.48 J	1.29 U	0.37 U	2.59 U	0.37 U	2.59 U
1,4-Dioxane	0.24 U	2.41	1.91 U	0.24 U	0.95 U	5.72	1.91 U J	0.24 U	1.91 U
2-Butanone	4.81	4.92	11.5	20.14	72.25	8.7	17.04	13.36	11.74
2-Hexanone	0.17 U	0.17 U	1.26 U	0.17 U	0.63 U	0.17 U	1.26 U	0.17 U	1.26 U
4-Ethyltoluene	0.27 U	2.31	2.33 U	1.72	1.17 U	1.28	2.33 U	0.39 J	2.33 U
4-Methyl-2-Pentanone	0.22 U	0.22 U	2.05 U	0.22 U	3.73	0.22 U	2.05 U	0.22 U	2.05 U
Acetone	17.23	42.54	16.73	28.04	223.85	83.88	26.85	16.73	43.01
Acrylonitrile	0.14 U	0.14 U	1.66 U	0.14 U	0.83 U	0.14 U	1.66 U	0.14 U	1.66 U
Benzene	0.61	0.67	1.03 U	0.96	0.99 J	1.15	1.03 U	0.83	1.28 J
Benzyl chloride	0.32 U	0.32 U	1.83 U	0.32 U	0.92 U	0.32 U	1.83 U	0.32 U	1.83 U
Bromodichloromethane	0.36 U	0.36 U	2.83 U	0.36 U	1.41 U	0.36 U	2.83 U	0.36 U	2.83 U
Bromoform	0.48 U	0.48 U	4.59 U	0.48 U	2.29 U	0.48 U	4.59 U	0.48 U	4.59 U
Bromomethane	0.20 U	0.20 U	2.31 U	0.20 U	1.16 U	0.20 U	2.31 U	0.20 U	2.31 U
Carbon Disulfide	0.18 U	0.18 U	2.32 U	0.18 U	2.02	0.18 U	2.32 U	0.18 U	2.32 U
Carbon Tetrachloride	0.27 U	0.27 U	2.62 U	0.57 J	1.31 U	0.27 U	2.62 U	0.27 U	2.62 U
Chlorobenzene	0.28 U	0.28 U	2.67 U	0.28 U	1.34 U	0.28 U	2.67 U	0.28 U	2.67 U
Chloroethane	0.20 U	0.20 U	2.36 U	0.20 U	1.18 U	0.20 U	2.36 U	0.20 U	2.36 U
Chloroform	0.22 U	1.7	2.76 U	0.22 U	3.94	0.22 U	2.76 U	0.22 U	12.46
Chloromethane	0.19 U	0.19 U	1.55 U	0.19 U	0.77 U	0.19 U	1.55 U	0.19 U	1.55 U
cis-1,2-Dichloroethene	0.19 U	0.19 U	1.29 U	0.19 U	0.65 U	0.19 U	1.29 U	0.19 U	1.29 U
cis-1,3-Dichloropropene	0.21 U	0.21 U	1.54 U	0.21 U	0.77 U	0.21 U	1.54 U	0.21 U	1.54 U
Cyclohexane	0.28 U	0.28 U	1.20 U	0.28 U	0.60 U	0.28 U	1.20 U	0.28 U	1.20 U
Dibromochloromethane	0.50 U	0.50 U	3.14 U	0.50 U	1.57 U	0.50 U	3.14 U	0.50 U	3.14 U
Dichlorodifluoromethane	2.42	8.7	3.86 J	5.19	4.4	2.57	4.75 J	2.47	3.26 U
Ethanol	38.65	140.66	96.54	141.03	49.4	76.17	52.98	46.76	116.9
Ethyl acetate	0.30 U	18.45	43.96	32.43	21.62	8.97	27.02	5.98	46.84
Ethylbenzene	0.48	1.78	1.69 U	1.21	1.04 J	0.69	1.69 U	0.69	1.69 U
Freon 113	0.54 U	0.54 U	5.66 U	0.54 U	2.83 U	0.54 U	5.66 U	0.54 U	5.66 U
Freon 114	0.40 U	0.40 U	5.10 U	0.40 U	2.55 U	0.40 U	5.10 U	0.40 U	5.10 U
Hexachlorobutadiene	0.43 U	0.43 U	4.99 U	0.43 U	2.50 U	0.43 U	4.99 U	0.43 U	4.99 U
Hexane	3.28	1.02 J	6.13	22.32	0.77 U	4.94	2.19 J	1.27 J	1.53 U
Isopropyl Alcohol	7.04	8.37	17.77	27.98	23.73	42.7	8.1	10.9	26.5
Isopropylbenzene	0.28 U	0.28 U	2.49 U	0.28 U	1.24 U	0.28 U	2.49 U	0.28 U	2.49 U
m+p-Xylene	1.78	9.71	6.50 J	6.03	4.38	2.38	4.28 U	2.3	4.28 U
Methyl Tertiary Butyl Ether	0.18 U	0.18 U	1.22 U	0.18 U	0.61 U	0.18 U	1.22 U	0.18 U	1.22 U
Methylene Chloride	4.41	1.6	62.16	8.58	1.54 U	60.42	3.08 U	1.42	3.08 U
Naphthalene	0.96 U	0.96 U	1.81 U J	0.96 U	0.91 U J	0.96 U	1.81 U J	0.96 U	1.81 U J
n-Butylbenzene	0.31 U	1.32	2.68 U	1.1	1.34 U	0.6	2.68 U	0.31 U	2.68 U
n-Heptane	0.25 U	0.25 U	1.50 U	0.25 U	0.75 U	0.25 U	1.50 U	0.25 U	1.50 U
o-Xylene	0.52	3.29	2.64 U J	2.12	1.32 U J	0.82	2.64 U	0.74	2.64 U J
p-Isopropyltoluene	0.33 U	1.45	2.56 U	0.33 U	1.28 U	0.33 U	2.56 U	0.33 U	2.56 U
Propylene	0.14 U	0.14 U	0.73 U	0.14 U	0.37 U	0.14 U	0.73 U	0.14 U	0.73 U
sec-Butylbenzene	0.29 U	0.29 U	2.67 U	0.29 U	1.33 U	0.29 U	2.67 U	0.29 U	2.67 U
Styrene	0.23 U	0.23 U	2.10 U	0.23 U	1.05 U	0.23 U	2.10 U	0.23 U	2.10 U
Tetrachloroethene	0.41 U	1.02	2.73 U	1.42	10.51	0.81	2.73 U	0.81	5.02 J
Tetrahydrofuran	0.16 U	0.16 U	1.30 U	0.16 U	32.44	0.16 U	1.30 U	0.16 U	1.30 U
Toluene	2.67	2.6	2.71 J	5.23	3.57	5.31	1.66 J	3.57	4.14
trans-1,2-Dichloroethene	0.17 U	0.17 U	1.69 U	0.17 U	0.84 U	0.17 U	1.69 U	0.17 U	1.69 U
trans-1,3-Dichloropropene	0.21 U	0.21 U	1.35 U	0.21 U	0.68 U	0.21 U	1.35 U	0.21 U	1.35 U
Trichloroethene	0.28 U	0.28 U	1.91 U	0.28 U	0.96 U	0.28 U	1.91 U	0.28 U	1.91 U
Trichlorofluoromethane	1.18	4.78	220.85	3.2	4.66	1.97	80.92	6.52	5.02 U
Vinyl chloride	0.16 U	0.16 U	2.01 U	0.16 U	1.01 U	0.16 U	2.01 U	0.16 U	2.01 U

ug/m3 - micrograms per cubic meter
U - not detected at specified level
J - indicates an estimated value

Table 4-9
Soil Vapor & Indoor Air Sampling Results - August 2013
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Sample ID Date Sampled Matrix	OA-02 8/8/2013 Outdoor Air	IA-01 8/8/2013 Indoor Air	01-SS 8/8/2013 Sub-slab Vapor	IA-02 8/8/2013 Indoor Air	02-SS 8/8/2013 Sub-slab Vapor	IA-04 8/8/2013 Indoor Air	04-SS 8/8/2013 Sub-slab Vapor	IA-05 8/8/2013 Indoor Air	05-SS 8/8/2013 Sub-slab Vapor
Constituent (ug/m3)									
1,1,1,2-Tetrachloroethane	0.32 U	0.32 U	1.56 U	0.32 U	1.56 U	0.32 U	1.56 U	0.32 U	1.56 U
1,1,1-Trichloroethane	0.28 U	0.28 U	3.11	0.28 U	1.07 U	0.28 U	1.07 U	0.28 U	1.07 U
1,1,2,2-Tetrachloroethane	0.45 U	0.45 U	1.87 U	0.45 U	1.87 U	0.45 U	1.87 U	0.45 U	1.87 U
1,1,2-Trichloroethane	0.36 U	0.36 U	1.43 U	0.36 U	1.43 U	0.36 U	1.43 U	0.36 U	1.43 U
1,1-Dichloroethane	0.09 U	0.09 U	0.81 U	0.09 U	0.81 U	0.09 U	0.81 U	0.09 U	0.81 U
1,1-Dichloroethene	0.14 U	0.14 U	1.48 U	0.14 U	1.48 U	0.14 U	1.48 U	0.14 U	1.48 U
1,2,4-Trichlorobenzene	0.39 U J	0.39 U J	1.37 U J	0.39 U J	1.37 U J	0.39 U J	1.37 U J	0.39 U J	1.37 U J
1,2,4-Trimethylbenzene	0.98	1.03	1.38 J	0.98	1.33 J	1.13	1.57 J	1.92	1.57 J
1,2-Dibromoethane	0.33 U	0.33 U	2.34 U	0.33 U	2.34 U	0.33 U	2.34 U	0.33 U	2.34 U
1,2-Dichlorobenzene	0.32 U	0.32 U	1.39 U	0.32 U	1.39 U	0.32 U	1.39 U	0.32 U	1.39 U
1,2-Dichloroethane	0.19 U	0.19 U	1.03 U	0.19 U	1.03 U	0.19 U	1.03 U	0.19 U	1.03 U
1,2-Dichloropropane	0.23 U	0.23 U	0.91 U	0.23 U	0.91 U	0.23 U	0.91 U	0.23 U	0.91 U
1,3,5-Trimethylbenzene	0.29 J	0.29 J	1.44 U	0.29 J	1.44 U	0.39 J	1.44 U	0.59	1.44 U
1,3-Butadiene	2.41	0.12 U	0.83 U	0.12 U	0.83 U	0.12 U	0.83 U	0.12 U	0.83 U
1,3-Dichlorobenzene	0.33 U	0.33 U	1.64 U	0.33 U	1.64 U	0.33 U	1.64 U	0.33 U	1.64 U
1,4-Dichlorobenzene	0.37 U	0.37 U	1.29 U	0.37 U	2.95 J	0.37 U	1.29 U	0.37 U	1.29 U
1,4-Dioxane	0.24 U	0.24 U	0.95 U	0.24 U	0.95 U	0.24 U	0.95 U	0.24 U	0.95 U
2-Butanone	82.27 J	6.9	3.42	7.7	4.9	6.75	3.39	11.03	1.06 U
2-Hexanone	2.95	0.17 U	0.63 U	0.17 U	0.63 U	0.17 U	0.63 U	0.17 U	0.63 U
4-Ethyltoluene	0.27 U	0.29 J	1.17 U	0.29 J	1.17 U	0.29 J	1.17 U	0.59	1.17 U
4-Methyl-2-Pentanone	0.29 J	0.22 U	1.02 U	0.49	1.02 U	0.22 U	1.02 U	0.22 U	1.02 U
Acetone	299.41	32.08	18.44	42.3	33.51	31.37	21.65	38.97	13.71
Acrylonitrile	0.14 U	0.14 U	0.83 U	0.14 U	0.83 U	0.14 U	0.83 U	0.14 U	0.83 U
Benzene	2.04	0.29 J	0.51 U	0.29 J	0.51 U	0.41	0.51 U	0.38	0.51 U
Benzyl chloride	0.32 U	0.32 U	0.92 U	0.32 U	0.92 U	0.32 U	0.92 U	0.32 U	0.92 U
Bromodichloromethane	0.36 U	0.36 U	1.41 U	0.36 U	1.41 U	0.36 U	1.41 U	0.36 U	1.41 U
Bromoform	0.48 U	0.48 U	2.29 U	0.48 U	2.29 U	0.48 U	2.29 U	0.48 U	2.29 U
Bromomethane	0.20 U	0.20 U	1.16 U	0.20 U	1.16 U	0.20 U	1.16 U	0.20 U	1.16 U
Carbon Disulfide	5.17	0.40 J	1.16 U	0.90 J	1.16 U	0.59 J	1.16 U	0.84 J	1.16 U
Carbon Tetrachloride	0.38	0.44	1.31 U	0.38	1.31 U	0.44	1.31 U	0.38	1.31 U
Chlorobenzene	0.28 U	0.28 U	1.34 U	0.28 U	1.66 J	0.28 U	1.34 U	0.28 U	1.34 U
Chloroethane	0.20 U	0.20 U	1.18 U	0.20 U	1.18 U	0.20 U	1.18 U	0.20 U	1.18 U
Chloroform	0.22 U	0.22 U	1.56 J	0.22 U	1.38 U	0.22 U	1.38 U	0.22 U	2.00 J
Chloromethane	0.19 U	0.19 U	0.77 U	0.19 U	0.77 U	0.19 U	0.77 U	0.19 U	0.77 U
cis-1,2-Dichloroethene	0.19 U	0.19 U	0.65 U	0.19 U	0.65 U	0.19 U	0.65 U	0.19 U	0.65 U
cis-1,3-Dichloropropene	0.21 U	0.21 U	0.77 U	0.21 U	0.77 U	0.21 U	0.77 U	0.21 U	0.77 U
Cyclohexane	0.28 U	1.45	0.60 U	0.72	0.60 U	0.52	0.60 U	0.28 U	0.60 U
Dibromochloromethane	0.50 U	0.50 U	1.57 U	0.50 U	1.57 U	0.50 U	1.57 U	0.50 U	1.57 U
Dichlorodifluoromethane	2.32	2.23	2.77	2.32	9.15	2.47	21.66	2.23	9.3
Ethanol	56.64 J	75.42	17.44	57.7	32.43	64.48	26.4	44.87	42.23
Ethyl acetate	77.54 J	79.63	60.17	46.84	57.65	83.6	86.48	286.82	41.8
Ethylbenzene	0.43	0.48	0.85 U	0.65	0.85 U	0.56	0.85 U	0.69	0.85 U
Freon 113	0.54 U	0.54 U	2.83 U	0.54 U	2.83 U	0.54 U	2.83 U	0.54 U	2.83 U
Freon 114	0.40 U	0.40 U	2.55 U	0.40 U	2.55 U	0.40 U	2.55 U	0.40 U	2.55 U
Hexachlorobutadiene	0.43 U J	0.43 U J	2.50 U J	0.43 U J	2.50 U J	0.43 U J	2.50 U J	0.43 U J	2.50 U J
Hexane	0.16 U	0.16 U	0.77 U	0.16 U	0.77 U	0.16 U	0.77 U	2.22	31.1
Isopropyl Alcohol	25.89 J	23.39	11.9	17.1	25.77	25.52	22.16	68.71	10.01
Isopropylbenzene	0.28 U	0.28 U	1.24 U	0.28 U	1.24 U	0.28 U	1.24 U	0.28 U	1.24 U
m+p-Xylene	1.47	1.78	2.14 U	2.43	2.43 J	1.99	2.14 U	2.47	2.14 U
Methyl Tertiary Butyl Ether	0.18 U	0.18 U	0.61 U	0.18 U	0.61 U	0.18 U	0.61 U	0.18 U	0.61 U
Methylene Chloride	0.8	1.04	1.54 U	17.57	13.96	6.84	17.88	4.51	1.94
Naphthalene	0.96 U	0.96 U	0.91 U J	0.96 U	1.62 J	0.96 U	0.91 U J	0.96 U	0.91 U J
n-Butylbenzene	0.31 U	0.31 U	1.34 U	0.31 U	1.34 U	0.31 U	1.34 U	0.31 U	1.34 U
n-Heptane	0.25 U	0.25 U	0.75 U	0.25 U	0.75 U	0.25 U	0.75 U	0.25 U	0.75 U
o-Xylene	0.61	0.69	1.32 U	0.91	1.32 U	0.74	1.32 U	0.91	1.32 U
p-Isopropyltoluene	0.33 U	0.38 J	1.28 U	0.33 U	1.28 U	0.33 U	1.28 U	0.48 J	1.28 U
Propylene	13.98	0.14 U	0.37 U	0.14 U	0.37 U	0.14 U	0.37 U	0.14 U	0.37 U
sec-Butylbenzene	0.29 U	0.29 U	1.33 U	0.29 U	1.33 U	0.29 U	1.33 U	0.29 U	1.33 U
Styrene	0.23 U	0.23 U	1.05 U	0.43	1.05 U	0.23 U	1.05 U	0.23 U	1.05 U
Tetrachloroethene	0.34	0.54	3.05 J	0.41	3.93	1.29	7.66	0.34	2.44 J
Tetrahydrofuran	0.16 U	0.16 U	0.65 U	0.16 U	0.65 U	0.16 U	0.65 U	0.16 U	0.65 U
Toluene	8.05	9.82	9.18	10.57	6.58	12.19	7.94	20.09	4.78
trans-1,2-Dichloroethene	0.17 U	0.17 U	0.84 U	0.17 U	0.84 U	0.17 U	0.84 U	0.17 U	0.84 U
trans-1,3-Dichloropropene	0.21 U	0.21 U	0.68 U	0.21 U	0.68 U	0.21 U	0.68 U	0.21 U	0.68 U
Trichloroethene	0.21	0.27	0.96 U	0.27	0.96 U	0.43	0.96 U	0.11 J	0.96 U
Trichlorofluoromethane	1.07	1.52	420.91	1.29	97.78	1.85	47.94	1.97	11.58
Vinyl chloride	0.09 U	0.09 U	1.01 U	0.09 U	1.01 U	0.09 U	1.01 U	0.09 U	1.01 U

ug/m3 - micrograms per cubic meter
U - not detected at specified level
J - indicates an estimated value

Table 4-10**Backfill Quantities and Sources****Borinquen Court Brownfield Cleanup Site No. C203056****Bronx, New York**

Date	Material	Origin	Number of Loads	Average Size of Load	Total for Day	Total to Date
11/12/12	Sand	Elmsford*	1	20	20	20
11/13/12	Sand	Elmsford	2	25	50	70
11/15/12	Sand	Elmsford	1	20	20	90
12/5/12	Sand	Elmsford	4	20	80	170
12/6/12	Sand	Elmsford	4	20	80	250
12/7/12	Sand	Elmsford	5	20	100	350
12/15/12	Sand	Elmsford	10	20	200	550
12/18/12	Sand	Elmsford	4	20	80	630
12/20/12	Sand	Elmsford	5	20	100	730
12/21/12	Sand	Elmsford	17	20	340	1070
12/22/12	Sand	Elmsford	2	20	40	1110
12/24/12	Sand	Elmsford	4	20	80	1190
12/26/12	Sand	Elmsford	24	20	480	1670
12/27/12	Sand	Elmsford	4	20	80	1750
12/31/12	Sand	Elmsford	1	20	20	1770
1/2/13	Sand	Elmsford	9	20	180	1950
1/3/13	Sand	Elmsford	7	20	140	2090
1/4/13	Sand	Elmsford	5	20	100	2190
3/18/13	Top Soil	Tappan**	1	15	15	2205
3/21/13	Top Soil	Tappan	1	20	20	2225
3/26/13	Sand	Elmsford	2	15	30	2255
3/27/13	Sand	Elmsford	6	15	90	2345
3/29/13	Top Soil	Tappan	2	15	30	2375
4/1/13	Top Soil	Tappan	1	20	20	2395
4/2/13	Top Soil	Tappan	1	20	20	2415
4/3/13	Top Soil	Tappan	2	20	40	2455
4/4/13	Top Soil	Tappan	6	20	120	2575
4/9/13	Top Soil	Tappan	1	20	20	2595
4/10/13	Top Soil	Tappan	5	20	100	2695
4/11/13	Top Soil	Tappan	2	20	40	2735
4/12/13	Top Soil	Tappan	3	20	60	2795
4/13/13	Top Soil	Tappan	6	20	120	2915
4/14/13	Top Soil	Tappan	2	15	30	2945
4/15/13	Top Soil	Tappan	3	20	60	3005
4/15/13	Top Soil	Tappan	1	15	15	3020
4/17/13	Top Soil	Tappan	3	20	60	3080
4/19/13	Top Soil	Tappan	1	16	16	3096

*Tappan - Soil was received from Organic Recycling Inc. in Tappan, New York

**Elmsford - Soil was received from Thalle Industries in Elmsford, New York

Table 4-11
Summary of Remaining Soil Contamination Above Unrestricted Use SCOs
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

Table 4-12
Summary of Remaining Soil Contamination Above Restricted Residential and/or Protection of Groundwater SCOs
Borinquen Court Brownfield Cleanup Site No. C203056
Bronx, New York

CONSTITUENT	6NYCRR Part	6NYCRR Part 375											
	375 Protection of	Protection of Public Health											
	Groundwater	for Restricted Residential	SB-05	SB-09	SB-10	SB-20	SB-21	SB-22	SB-24	TANK B	TANK E	TANK N	TANK S
Starting Depth (feet)	SCO	Use SCO	10/24/2011	10/24/2011	10/24/2011	12/20/2012	12/20/2012	12/20/2012	12/20/2012	12/10/2012	12/10/2012	12/10/2012	12/10/2012
Ending Depth (feet)			8	3	12	4.5	4.5	4.5	5	7	7	7	7
			10	5	14	5	5	5	5.5	7	7	7	7
Metals (mg/kg)													
Barium	820	400		575			1790	817					
Lead	450	400		561									
Mercury	0.73	0.81				0.99							
VOCs (ug/kg)													
Acetone	50	100000	1600		56								
Benzene	60	4800											
Ethylbenzene	1000	41000											
Isopropylbenzene	2300												
Toluene	700	100000											
SVOCs (ug/kg)													
Benzo(a)anthracene	1000	1000		11000	3000	7100	1100	1600	1500	2300	5600	1800	2600
Benzo(a)pyrene	22000	1000		9500	2700	5800		1600	1600	2200	5100	1700	2400
Benzo(b)fluoranthene	1700	1000		14000	3400	9400	1300	2100	2200	2800	6500	2300	3100
Benzo(k)fluoranthene	1700	3900		4300		3900					2300		
Chrysene	1000	3900		11000	3300	7800	1100	1600	1600	2200	5200	1600	2500
Dibenzo(a,h)anthracene	1000000	330		2300	620	1300				360	870		410
Indeno(1,2,3-cd)pyrene	8200	500		5600	1500	3500	560	880	900	1200	2800	950	1300