Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-01_0-2'		HA-01_14-16		HA-02_0-2'		HA-02_12-14		HA-02_14-16		HA-03_0-2		HA-03_14-16		HA-04_0-2	
SAMPLING DATE					2/16/2022		2/23/2022		2/16/2022		2/23/2022		2/23/2022		2/18/2022		2/23/2022		2/18/2022	
LAB SAMPLE ID					L2208276-02		L2209676-03		L2208276-03		L2209676-01		L2209676-02		L2208933-04		L2209676-04		L2208933-02	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																				
Solids, Total		-	-	%	90.3		94.6		92.1		91		92.1		91.4		97.8		89.5	
Semivolatile Organics by GC/MS																				
1,2,4,5-Tetrachlorobenzene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
1,2,4-Trichlorobenzene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
1,2-Dichlorobenzene		100	1.1	mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
1,3-Dichlorobenzene		49	2.4	mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
1,4-Dichlorobenzene		13	1.8	mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
1,4-Dioxane		13	0.1	mg/kg	0.13	U	0.026	U	0.13	U	0.027	U	0.027	U	0.027	U	0.025	U	0.028	U
2,4,5-Trichlorophenol				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2,4,6-Trichlorophenol				mg/kg	0.54	U	0.1	U	0.53	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
2,4-Dichlorophenol				mg/kg	0.81	U	0.16	U	0.8	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
2,4-Dimethylphenol				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2,4-Dinitrophenol				mg/kg	4.3	U	0.84	U	4.3	U	0.87	U	0.86	U	0.86	U	0.81	U	0.88	U
2,4-Dinitrotoluene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2,6-Dinitrotoluene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2-Chloronaphthalene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2-Chlorophenol				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2-Methylnaphthalene				mg/kg	0.26	J	0.21	U	0.12	J	0.22	U	0.21	U	0.21	U	0.2	U	0.026	J
2-Methylphenol		100	0.33	mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2-Nitroaniline				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
2-Nitrophenol				mg/kg	1.9	U	0.38	U	1.9	U	0.39	U	0.39	U	0.39	U	0.36	U	0.4	U
3,3'-Dichlorobenzidine				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
3-Methylphenol/4-Methylphenol		100	0.33	mg/kg	1.3	U	0.25	U	1.3	U	0.26	U	0.26	U	0.26	U	0.24	U	0.26	U
3-Nitroaniline				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
4,6-Dinitro-o-cresol				mg/kg	2.3	U	0.45	U	2.3	U	0.47	U	0.46	U	0.46	U	0.44	U	0.48	U
4-Bromophenyl phenyl ether				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
4-Chloroaniline				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
4-Chlorophenyl phenyl ether				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
4-Nitroaniline				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
4-Nitrophenol				mg/kg	1.2	U	0.24	U	1.2	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U
Acenaphthene		100	20	mg/kg	0.86		0.14	U	0.22	J	0.14	U	0.14	U	0.056	J	0.13	U	0.031	J
Acenaphthylene		100	100	mg/kg	1.6		0.14	U	0.18	J	0.14	U	0.14	U	0.034	J	0.13	U	0.08	J
Acetophenone				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Anthracene		100	100	mg/kg	4.3		0.1	U	0.57		0.11	U	0.11	U	0.22		0.1	U	0.12	
Benzo(a)anthracene		1	1	mg/kg	16		0.1	U	1.7		0.11	U	0.11	U	0.88		0.1	U	0.54	
Benzo(a)pyrene		1	1	mg/kg	12		0.14	U	1.5		0.14	U	0.14	U	0.73		0.13	U	0.48	
Benzo(b)fluoranthene		1	1	mg/kg	15		0.1	U	1.8		0.11	U	0.11	U	1.1		0.1	U	0.6	
Benzo(ghi)perylene		100	100	mg/kg	6.7		0.14	U	0.84		0.14	U	0.14	U	0.46		0.13	U	0.29	
Benzo(k)fluoranthene		3.9	0.8	mg/kg	4.2		0.1	U	0.61		0.11	U	0.11	U	0.26		0.1	U	0.24	
Benzoic Acid				mg/kg	2.9	U	0.56	U	2.9	U	0.58	U	0.58	U	0.58	U	0.54	U	0.6	U
Benzyl Alcohol				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Biphenyl				mg/kg	2	U	0.4	U	2	U	0.41	U	0.41	U	0.41	U	0.38	U	0.42	U
Bis(2-chloroethoxy)methane				mg/kg	0.97	U	0.19	U	0.96	U	0.2	U	0.19	U	0.19	U	0.18	U	0.2	U
Bis(2-chloroethyl)ether				mg/kg	0.81	U	0.16	U	0.8	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
Bis(2-chloroisopropyl)ether				mg/kg	1.1	U	0.21	U	1.1	U	0.22	U	0.21	U	0.21	U	0.2	U	0.22	U
Bis(2-ethylhexyl)phthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.069	J
Butyl benzyl phthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Carbazole				mg/kg	0.91		0.17	U	0.32	J	0.18	U	0.18	U	0.046	J	0.17	U	0.037	J
Chrysene		3.9	1	mg/kg	16		0.1	U	1.8		0.11	U	0.11	U	0.82		0.1	U	0.5	
Di-n-butylphthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Di-n-octylphthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Dibenzo(a,h)anthracene		0.33	0.33	mg/kg	1.7		0.1	U	0.19	J	0.11	U	0.11	U	0.12		0.1	U	0.071	J
Dibenzofuran		59	7	mg/kg	0.4	J	0.17	U	0.24	J	0.18	U	0.18	U	0.18	U	0.17	U	0.023	J
Diethyl phthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Dimethyl phthalate				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Fluoranthene		100	100	mg/kg	24		0.1	U	4		0.11	U	0.11	U	1.5		0.1	U	0.93	
Fluorene		100	30	mg/kg	1.1		0.17	U	0.26	J	0.18	U	0.18	U	0.05	J	0.17	U	0.03	J
Hexachlorobenzene		1.2	0.33	mg/kg	0.54	U	0.1	U	0.53	U	0.11	U	0.11	U	0.11	U	0.1	U	0.11	U
Hexachlorobutadiene				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Hexachlorocyclopentadiene				mg/kg	2.6	U	0.5	U	2.5	U	0.52	U	0.51	U	0.51	U	0.48	U	0.53	U
Hexachloroethane				mg/kg	0.72	U	0.14	U	0.71	U	0.14	U	0.14	U	0.14	U	0.13	U	0.15	U
Indeno(1,2,3-cd)pyrene		0.5	0.5	mg/kg	7.6		0.14	U	0.96		0.14	U	0.14	U	0.49		0.13	U	0.32	
Isophorone				mg/kg	0.81	U	0.16	U	0.8	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
n-Nitrosodi-n-propylamine				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Naphthalene		100	12	mg/kg	0.42	J	0.17	U	0.18	J	0.18	U	0.18	U	0.18	U	0.17	U	0.052	J
NDPA/DPA				mg/kg	0.72	U	0.14	U	0.71	U	0.14	U	0.14	U	0.14	U	0.13	U	0.15	U
Nitrobenzene				mg/kg	0.81	U	0.16	U	0.8	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
p-Chloro-m-cresol				mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Pentachlorophenol		6.7	0.8	mg/kg	0.72	U	0.14	U	0.71	U	0.14	U	0.14	U	0.14	U	0.13	U	0.15	U
Phenanthrene		100	100	mg/kg	18		0.1	U	3.1		0.11	U	0.11	U	0.81		0.1	U	0.43	
Phenol		100	0.33	mg/kg	0.9	U	0.17	U	0.89	U	0.18	U	0.18	U	0.18	U	0.17	U	0.18	U
Pyrene		100	100	mg/kg	28		0.1	U	3.3		0.11	U	0.11	U	1.3		0.019	J	0.85	

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.

Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-04_14-16		HA-05_0-2		HA-05_14-16		DUP-SOIL_20220224		HA-06_0-2		HA-06_12-14		HA-06_14-16		HA-07_0-2'		HA-07_14-16	
SAMPLING DATE					2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/16/2022		2/23/2022	
LAB SAMPLE ID					L2210052-03		L2208933-01		L2210052-01		L2210052-04		L2208933-03		L2210052-05		L2210052-02		L2208276-01		L2209676-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																						
Solids, Total		-	-	%	97.9		90.5		88.9		89.3		90.1		90.4		95		86.4		86.5	
Semivolatile Organics by GC/MS																						
1,2,4,5-Tetrachlorobenzene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
1,2,4-Trichlorobenzene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
1,2-Dichlorobenzene		100	1.1	mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
1,3-Dichlorobenzene		49	2.4	mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
1,4-Dichlorobenzene		13	1.8	mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
1,4-Dioxane		13	0.1	mg/kg	0.025	U	0.027	U	0.028	U	0.028	U	0.14	U	0.027	U	0.026	U	0.029	U	0.028	U
2,4,5-Trichlorophenol				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2,4,6-Trichlorophenol				mg/kg	0.1	U	0.11	U	0.11	U	0.11	U	0.55	U	0.11	U	0.1	U	0.11	U	0.11	U
2,4-Dichlorophenol				mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.82	U	0.16	U	0.15	U	0.17	U	0.17	U
2,4-Dimethylphenol				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2,4-Dinitrophenol				mg/kg	0.8	U	0.87	U	0.88	U	0.88	U	4.4	U	0.87	U	0.82	U	0.92	U	0.91	U
2,4-Dinitrotoluene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2,6-Dinitrotoluene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2-Chloronaphthalene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2-Chlorophenol				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2-Methylnaphthalene				mg/kg	0.2	U	0.056	J	0.22	U	0.22	U	0.57	J	0.22	U	0.2	U	0.083	J	0.23	U
2-Methylphenol		100	0.33	mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2-Nitroaniline				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
2-Nitrophenol				mg/kg	0.36	U	0.39	U	0.4	U	0.4	U	2	U	0.39	U	0.37	U	0.41	U	0.41	U
3,3'-Dichlorobenzidine				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol		100	0.33	mg/kg	0.24	U	0.26	U	0.26	U	0.26	U	1.3	U	0.26	U	0.24	U	0.28	U	0.27	U
3-Nitroaniline				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
4,6-Dinitro-o-cresol				mg/kg	0.44	U	0.47	U	0.48	U	0.48	U	2.4	U	0.47	U	0.44	U	0.5	U	0.49	U
4-Bromophenyl phenyl ether				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
4-Chloroaniline				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
4-Chlorophenyl phenyl ether				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
4-Nitroaniline				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
4-Nitrophenol				mg/kg	0.23	U	0.25	U	0.26	U	0.26	U	1.3	U	0.25	U	0.24	U	0.27	U	0.26	U
Acenaphthene		100	20	mg/kg	0.13	U	0.064	J	0.15	U	0.15	U	2		0.14	U	0.14	U	0.26		0.15	U
Acenaphthylene		100	100	mg/kg	0.13	U	0.18		0.15	U	0.15	U	0.51	J	0.14	U	0.14	U	0.082	J	0.15	U
Acetophenone				mg/kg	0.17	U	0.025	J	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Anthracene		100	100	mg/kg	0.1	U	0.27		0.11	U	0.11	U	4.1		0.11	U	0.1	U	0.41		0.11	U
Benzo(a)anthracene		1	1	mg/kg	0.1	U	0.71		0.11	U	0.11	U	12		0.11	U	0.1	U	1.1		0.11	U
Benzo(a)pyrene		1	1	mg/kg	0.13	U	0.65		0.15	U	0.15	U	11		0.14	U	0.14	U	1.2		0.15	U
Benzo(b)fluoranthene		1	1	mg/kg	0.1	U	0.92		0.11	U	0.11	U	15		0.11	U	0.1	U	1.4		0.11	U
Benzo(ghi)perylene		100	100	mg/kg	0.13	U	0.42		0.15	U	0.15	U	6.4		0.14	U	0.14	U	0.74		0.15	U
Benzo(k)fluoranthene		3.9	0.8	mg/kg	0.1	U	0.28		0.11	U	0.11	U	3.7		0.11	U	0.1	U	0.5		0.11	U
Benzoic Acid				mg/kg	0.54	U	0.59	U	0.6	U	0.6	U	3	U	0.59	U	0.55	U	0.62	U	0.61	U
Benzyl Alcohol				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Biphenyl				mg/kg	0.38	U	0.41	U	0.42	U	0.42	U	0.16	J	0.41	U	0.39	U	0.44	U	0.43	U
Bis(2-chloroethoxy)methane				mg/kg	0.18	U	0.2	U	0.2	U	0.2	U	0.99	U	0.2	U	0.18	U	0.21	U	0.2	U
Bis(2-chloroethyl)ether				mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.82	U	0.16	U	0.15	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether				mg/kg	0.2	U	0.22	U	0.22	U	0.22	U	1.1	U	0.22	U	0.2	U	0.23	U	0.23	U
Bis(2-ethylhexyl)phthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Butyl benzyl phthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Carbazole				mg/kg	0.17	U	0.091	J	0.18	U	0.18	U	2.3		0.18	U	0.17	U	0.33		0.19	U
Chrysene		3.9	1	mg/kg	0.1	U	0.75		0.11	U	0.11	U	11		0.11	U	0.1	U	1.2		0.11	U
Di-n-butylphthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Di-n-octylphthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Dibenzo(a,h)anthracene		0.33	0.33	mg/kg	0.1	U	0.12		0.11	U	0.11	U	1.5		0.11	U	0.1	U	0.13		0.11	U
Dibenzofuran		59	7	mg/kg	0.17	U	0.045	J	0.18	U	0.18	U	1.2		0.18	U	0.17	U	0.17	J	0.19	U
Diethyl phthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.017	J	0.19	U	0.19	U
Dimethyl phthalate				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Fluoranthene		100	100	mg/kg	0.1	U	1.3		0.11	U	0.11	U	25		0.11	U	0.1	U	3.3		0.11	U
Fluorene		100	30	mg/kg	0.17	U	0.078	J	0.18	U	0.18	U	1.8		0.18	U	0.17	U	0.19		0.19	U
Hexachlorobenzene		1.2	0.33	mg/kg	0.1	U	0.11	U	0.11	U	0.11	U	0.55	U	0.11	U	0.1	U	0.11	U	0.11	U
Hexachlorobutadiene				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Hexachlorocyclopentadiene				mg/kg	0.48	U	0.52	U	0.53	U	0.53	U	2.6	U	0.52	U	0.49	U	0.55	U	0.54	U
Hexachloroethane				mg/kg	0.13	U	0.14	U	0.15	U	0.15	U	0.73	U	0.14	U	0.14	U	0.15	U	0.15	U
Indeno(1,2,3-cd)pyrene		0.5	0.5	mg/kg	0.13	U	0.46		0.15	U	0.15	U	8		0.14	U	0.14	U	0.83		0.15	U
Isophorone				mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.82	U	0.16	U	0.15	U	0.17	U	0.17	U
n-Nitrosodi-n-propylamine				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Naphthalene		100	12	mg/kg	0.17	U	0.067	J	0.18	U	0.18	U	1.3		0.18	U	0.17	U	0.26		0.19	U
NDPA/DPA				mg/kg	0.13	U	0.14	U	0.15	U	0.15	U	0.73	U	0.14	U	0.14	U	0.15	U	0.15	U
Nitrobenzene				mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.82	U	0.16	U	0.15	U	0.17	U	0.17	U
p-Chloro-m-cresol				mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Pentachlorophenol		6.7	0.8	mg/kg	0.13	U	0.076	J	0.15	U	0.15	U	0.73	U	0.14	U	0.14	U	0.15	U	0.15	U
Phenanthrene		100	100	mg/kg	0.1	U	0.83		0.11	U	0.11	U	19		0.11	U	0.032	J	2.7		0.11	U
Phenol		100	0.33	mg/kg	0.17	U	0.18	U	0.18	U	0.18	U	0.92	U	0.18	U	0.17	U	0.19	U	0.19	U
Pyrene		100	100	mg/kg	0.1	U	1.3		0.11	U	0.11	U	20		0.11	U	0.018	J	2.8		0.11	U

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.

Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-01_0-2'		HA-01_14-16		HA-02_0-2'		HA-02_12-14		HA-02_14-16		HA-03_0-2		HA-03_14-16		HA-04_0-2	
SAMPLING DATE					2/16/2022		2/23/2022		2/16/2022		2/23/2022		2/23/2022		2/18/2022		2/23/2022		2/18/2022	
LAB SAMPLE ID					L2208276-02		L2209676-03		L2208276-03		L2209676-01		L2209676-02		L2208933-04		L2209676-04		L2208933-02	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																				
1,1,1,2-Tetrachloroethane				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
1,1,1-Trichloroethane		100	0.68	mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
1,1,2,2-Tetrachloroethane				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
1,1,2-Trichloroethane				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,1-Dichloroethane		26	0.27	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,1-Dichloroethene		100	0.33	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,1-Dichloropropene				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
1,2,3-Trichlorobenzene				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2,3-Trichloropropane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2,4,5-Tetramethylbenzene				mg/kg	0.0017	U	0.0021	U	0.012		0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2,4-Trichlorobenzene				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2,4-Trimethylbenzene		52	3.6	mg/kg	0.0017	U	0.0021	U	0.00088	J	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2-Dibromo-3-chloropropane				mg/kg	0.0026	U	0.0032	U	0.003	U	0.0031	U	0.003	U	0.0026	U	0.003	U	0.0032	U
1,2-Dibromoethane				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,2-Dichlorobenzene		100	1.1	mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,2-Dichloroethane		3.1	0.02	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,2-Dichloroethene, Total				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,2-Dichloropropane				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
1,3,5-Trimethylbenzene		52	8.4	mg/kg	0.0017	U	0.0021	U	0.00032	J	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,3-Dichlorobenzene		49	2.4	mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,3-Dichloropropane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,3-Dichloropropene, Total				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
1,4-Dichlorobenzene		13	1.8	mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
1,4-Dioxane		13	0.1	mg/kg	0.07	U	0.085	U	0.081	U	0.083	U	0.079	U	0.071	U	0.08	U	0.085	U
2,2-Dichloropropane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
2-Butanone		100	0.12	mg/kg	0.0026	J	0.011	U	0.01	U	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
2-Hexanone				mg/kg	0.0087	U	0.011	U	0.01	U	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
4-Methyl-2-pentanone				mg/kg	0.0087	U	0.011	U	0.01	U	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
Acetone		100	0.05	mg/kg	0.019		0.011	U	0.057		0.01	U	0.0064	J	0.0089	U	0.0099	U	0.01	U
Acrylonitrile				mg/kg	0.0035	U	0.0043	U	0.004	U	0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
Benzene		4.8	0.06	mg/kg	0.00026	J	0.00053	U	0.0044		0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Bromobenzene				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Bromochloromethane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Bromodichloromethane				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Bromoform				mg/kg	0.0035	U	0.0043	U	0.004	U	0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
Bromomethane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Carbon disulfide				mg/kg	0.0087	U	0.011	U	0.0051	J	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
Carbon tetrachloride		2.4	0.76	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Chlorobenzene		100	1.1	mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Chloroethane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Chloroform		49	0.37	mg/kg	0.0013	U	0.0016	U	0.0015	U	0.0016	U	0.0015	U	0.0013	U	0.0015	U	0.0016	U
Chloromethane				mg/kg	0.0035	U	0.0043	U	0.004	U	0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
cis-1,2-Dichloroethene		100	0.25	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
cis-1,3-Dichloropropene				mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Dibromochloromethane				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Dibromomethane				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Dichlorodifluoromethane				mg/kg	0.0087	U	0.011	U	0.01	U	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
Ethyl ether				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Ethylbenzene		41	1	mg/kg	0.00087	U	0.0011	U	0.00071	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Hexachlorobutadiene				mg/kg	0.0035	U	0.0043	U	0.004	U	0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
Isopropylbenzene				mg/kg	0.00087	U	0.0011	U	0.00041	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Methyl tert butyl ether		100	0.93	mg/kg	0.0017	U	0.0021	U	0.0025		0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Methylene chloride		100	0.05	mg/kg	0.0044	U	0.0053	U	0.0051	U	0.0052	U	0.0049	U	0.0044	U	0.005	U	0.0053	U
n-Butylbenzene		100	12	mg/kg	0.00087	U	0.0011	U	0.00059	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
n-Propylbenzene		100	3.9	mg/kg	0.00087	U	0.0011	U	0.00057	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Naphthalene		100	12	mg/kg	0.0014	J	0.0043	U	0.0058		0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
o-Chlorotoluene				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
o-Xylene				mg/kg	0.00087	U	0.0011	U	0.00054	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
p-Chlorotoluene				mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
p-Diethylbenzene				mg/kg	0.0017	U	0.0021	U	0.0022		0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
p-Ethyltoluene				mg/kg	0.0017	U	0.0021	U	0.00062	J	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
p-Isopropyltoluene				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
p/m-Xylene				mg/kg	0.0017	U	0.0021	U	0.00077	J	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
sec-Butylbenzene		100	11	mg/kg	0.00087	U	0.0011	U	0.0006	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Styrene				mg/kg	0.00087	U	0.0011	U	0.001	U	0.00035	J	0.00023	J	0.00089	U	0.00031	J	0.001	U
tert-Butylbenzene		100	5.9	mg/kg	0.0017	U	0.0021	U	0.002	U	0.0021	U	0.002	U	0.0018	U	0.002	U	0.0021	U
Tetrachloroethene		19	1.3	mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Toluene		100	0.7	mg/kg	0.00087	U	0.00075	J	0.0015		0.00087	J	0.00064	J	0.00089	U	0.00096	J	0.001	U
trans-1,2-Dichloroethene		100	0.19	mg/kg	0.0013	U	0.0016	U	0.0015	U	0.0016	U	0.0015	U	0.0013	U	0.0015	U	0.0016	U
trans-1,3-Dichloropropene				mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
trans-1,4-Dichloro-2-butene				mg/kg	0.0044	U	0.0053	U	0.0051	U	0.0052	U	0.0049	U	0.0044	U	0.005	U	0.0053	U
Trichloroethene		21	0.47	mg/kg	0.00044	U	0.00053	U	0.00051	U	0.00052	U	0.00049	U	0.00044	U	0.0005	U	0.00053	U
Trichlorofluoromethane				mg/kg	0.0035	U	0.0043	U	0.004	U	0.0041	U	0.0039	U	0.0035	U	0.004	U	0.0042	U
Vinyl acetate				mg/kg	0.0087	U	0.011	U	0.01	U	0.01	U	0.0098	U	0.0089	U	0.0099	U	0.01	U
Vinyl chloride		0.9	0.02	mg/kg	0.00087	U	0.0011	U	0.001	U	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U
Xylenes, Total		100	0.26	mg/kg	0.00087	U	0.0011	U	0.0013	J	0.001	U	0.00098	U	0.00089	U	0.00099	U	0.001	U

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.

Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-04_14-16		HA-05_0-2		HA-05_14-16		DUP-SOIL_20220224		HA-06_0-2		HA-06_12-14		HA-06_14-16		HA-07_0-2'		HA-07_14-16	
SAMPLING DATE					2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/16/2022		2/23/2022	
LAB SAMPLE ID					L2210052-03		L2208933-01		L2210052-01		L2210052-04		L2208933-03		L2210052-05		L2210052-02		L2208276-01		L2209676-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																						
1,1,1,2-Tetrachloroethane				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
1,1,1-Trichloroethane		100	0.68	mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
1,1,2,2-Tetrachloroethane				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
1,1,2-Trichloroethane				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,1-Dichloroethane		26	0.27	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,1-Dichloroethene		100	0.33	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,1-Dichloropropene				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
1,2,3-Trichlorobenzene				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2,3-Trichloropropane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2,4,5-Tetramethylbenzene				mg/kg	0.00025	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2,4-Trichlorobenzene				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2,4-Trimethylbenzene		52	3.6	mg/kg	0.0016	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2-Dibromo-3-chloropropane				mg/kg	0.0035	U	0.0038	U	0.0026	U	0.0024	U	0.0027	U	0.003	U	0.0032	U	0.0031	U	0.0025	U
1,2-Dibromoethane				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,2-Dichlorobenzene		100	1.1	mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,2-Dichloroethane		3.1	0.02	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,2-Dichloroethene, Total				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,2-Dichloropropane				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
1,3,5-Trimethylbenzene		52	8.4	mg/kg	0.00041	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,3-Dichlorobenzene		49	2.4	mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,3-Dichloropropane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,3-Dichloropropene, Total				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
1,4-Dichlorobenzene		13	1.8	mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
1,4-Dioxane		13	0.1	mg/kg	0.094	U	0.1	U	0.068	U	0.065	U	0.073	U	0.081	U	0.086	U	0.082	U	0.068	U
2,2-Dichloropropane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
2-Butanone		100	0.12	mg/kg	0.012	U	0.038		0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
2-Hexanone				mg/kg	0.012	U	0.012	U	0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
4-Methyl-2-pentanone				mg/kg	0.012	U	0.012	U	0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
Acetone		100	0.05	mg/kg	0.01	J	0.032		0.012		0.0064	J	0.0091	U	0.01	U	0.011	U	0.01	U	0.0042	J
Acrylonitrile				mg/kg	0.0047	U	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.0041	U	0.0034	U
Benzene		4.8	0.06	mg/kg	0.00024	J	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00032	J
Bromobenzene				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Bromochloromethane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Bromodichloromethane				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
Bromoform				mg/kg	0.0047	U	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.0041	U	0.0034	U
Bromomethane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Carbon disulfide				mg/kg	0.012	U	0.012	U	0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
Carbon tetrachloride		2.4	0.76	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Chlorobenzene		100	1.1	mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
Chloroethane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Chloroform		49	0.37	mg/kg	0.0018	U	0.0019	U	0.0013	U	0.0012	U	0.0014	U	0.0015	U	0.0016	U	0.0015	U	0.0013	U
Chloromethane				mg/kg	0.0047	U	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.0041	U	0.0034	U
cis-1,2-Dichloroethene		100	0.25	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
cis-1,3-Dichloropropene				mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
Dibromochloromethane				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Dibromomethane				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Dichlorodifluoromethane				mg/kg	0.012	U	0.012	U	0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
Ethyl ether				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Ethylbenzene		41	1	mg/kg	0.00029	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Hexachlorobutadiene				mg/kg	0.0047	U	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.0041	U	0.0034	U
Isopropylbenzene				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Methyl tert butyl ether		100	0.93	mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Methylene chloride		100	0.05	mg/kg	0.0058	U	0.0063	U	0.0042	U	0.004	U	0.0046	U	0.005	U	0.0054	U	0.0051	U	0.0042	U
n-Butylbenzene		100	12	mg/kg	0.00024	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
n-Propylbenzene		100	3.9	mg/kg	0.00026	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Naphthalene		100	12	mg/kg	0.0011	J	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.02		0.0034	U
o-Chlorotoluene				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
o-Xylene				mg/kg	0.00046	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
p-Chlorotoluene				mg/kg	0.0023	U	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
p-Diethylbenzene				mg/kg	0.00068	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
p-Ethyltoluene				mg/kg	0.0011	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
p-Isopropyltoluene				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
p/m-Xylene				mg/kg	0.00084	J	0.0025	U	0.0017	U	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
sec-Butylbenzene		100	11	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Styrene				mg/kg	0.00037	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.00032	J	0.00029	J	0.001	U	0.00085	U
tert-Butylbenzene		100	5.9	mg/kg	0.0023	U	0.0025	U	0.0001	J	0.0016	U	0.0018	U	0.002	U	0.0022	U	0.002	U	0.0017	U
Tetrachloroethene		19	1.3	mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
Toluene		100	0.7	mg/kg	0.0016		0.0012	U	0.00086		0.00081	U	0.00091	U	0.0012		0.0012		0.001	U	0.00052	J
trans-1,2-Dichloroethene		100	0.19	mg/kg	0.0018	U	0.0019	U	0.0013	U	0.0012	U	0.0014	U	0.0015	U	0.0016	U	0.0015	U	0.0013	U
trans-1,3-Dichloropropene				mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
trans-1,4-Dichloro-2-butene				mg/kg	0.0058	U	0.0063	U	0.0042	U	0.004	U	0.0046	U	0.005	U	0.0054	U	0.0051	U	0.0042	U
Trichloroethene		21	0.47	mg/kg	0.00058	U	0.00063	U	0.00042	U	0.0004	U	0.00046	U	0.0005	U	0.00054	U	0.00051	U	0.00042	U
Trichlorofluoromethane				mg/kg	0.0047	U	0.005	U	0.0034	U	0.0032	U	0.0036	U	0.004	U	0.0043	U	0.0041	U	0.0034	U
Vinyl acetate				mg/kg	0.012	U	0.012	U	0.0085	U	0.0081	U	0.0091	U	0.01	U	0.011	U	0.01	U	0.0085	U
Vinyl chloride		0.9	0.02	mg/kg	0.0012	U	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U
Xylenes, Total		100	0.26	mg/kg	0.0013	J	0.0012	U	0.00085	U	0.00081	U	0.00091	U	0.001	U	0.0011	U	0.001	U	0.00085	U

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.

Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-01_0-2'		HA-01_14-16		HA-02_0-2'		HA-02_12-14		HA-02_14-16		HA-03_0-2		HA-03_14-16		HA-04_0-2	
SAMPLING DATE					2/16/2022		2/23/2022		2/16/2022		2/23/2022		2/23/2022		2/18/2022		2/23/2022		2/18/2022	
LAB SAMPLE ID					L2208276-02		L2209676-03		L2208276-03		L2209676-01		L2209676-02		L2208933-04		L2209676-04		L2208933-02	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																				
Aluminum, Total				mg/kg	4800		3680		5330		6810		3160		3510		2460		4430	
Antimony, Total				mg/kg	0.686	J	4.13	U	0.584	J	4.26	U	4.16	U	4.26	U	3.94	U	4.37	U
Arsenic, Total		16	13	mg/kg	6.21		0.842		4.86		1.18		0.558	J	3.03		0.41	J	2.55	
Barium, Total		400	350	mg/kg	158		19.1		171		27.6		16.6		36		13.4		53.5	
Beryllium, Total		72	7.2	mg/kg	0.24	J	0.231	J	0.275	J	0.272	J	0.216	J	0.179	J	0.166	J	0.157	J
Cadmium, Total		4.3	2.5	mg/kg	1.06		0.248	J	1.21		0.255	J	0.216	J	0.853	U	0.205	J	0.874	U
Calcium, Total				mg/kg	24000		469		13200		487		470		16900		974		31600	
Chromium, Total				mg/kg	17		9.73		26.4		13.3		9.11		8.54		10.5		8.51	
Cobalt, Total				mg/kg	3.95		3.57		4.38		3.82		3.13		3		2.42		2.6	
Copper, Total		270	50	mg/kg	71.8		8.09		56.8		10.9		6.29		19.3		7.85		25.1	
Iron, Total				mg/kg	11600		9860		15400		11400		8450		7740		8100		6340	
Lead, Total		400	63	mg/kg	570		2.67	J	492		3.67	J	2.37	J	80		2.64	J	68.2	
Magnesium, Total				mg/kg	7310		1260		2510		1660		1000		6130		1420		2000	
Manganese, Total		2000	1600	mg/kg	146		182		192		211		203		148		163		113	
Mercury, Total		0.81	0.18	mg/kg	0.661		0.071	U	0.508		0.076	U	0.072	U	0.134		0.074	U	0.194	
Nickel, Total		310	30	mg/kg	10.3		6.8		14		8.67		5.9		5.8		5.32		5.82	
Potassium, Total				mg/kg	440		354		487		654		244		313		296		480	
Selenium, Total		180	3.9	mg/kg	0.608	J	1.65	U	0.678	J	1.7	U	1.66	U	0.273	J	1.58	U	0.245	J
Silver, Total		180	2	mg/kg	0.857	U	0.826	U	0.858	U	0.851	U	0.833	U	0.853	U	0.789	U	0.874	U
Sodium, Total				mg/kg	382		75.6	J	282		146	J	72	J	563		118	J	1020	
Thallium, Total				mg/kg	1.71	U	1.65	U	1.72	U	1.7	U	1.66	U	1.7	U	1.58	U	1.75	U
Vanadium, Total				mg/kg	15.8		19.9		16.4		21		13.8		10.8		10.5		8.95	
Zinc, Total		10000	109	mg/kg	275		15.1		227		15.4		12.8		63.4		11.2		49.3	
Polychlorinated Biphenyls by GC																				
Aroclor 1016		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1221		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1232		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1242		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1248		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1254		1	0.1	mg/kg	0.0917		0.0338	U	0.0173	J	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1260		1	0.1	mg/kg	0.0876		0.0338	U	0.0155	J	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.00861	J
Aroclor 1262		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
Aroclor 1268		1	0.1	mg/kg	0.0363	U	0.0338	U	0.0352	U	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.0359	U
PCBs, Total		1	0.1	mg/kg	0.179		0.0338	U	0.0328	J	0.0352	U	0.0353	U	0.0352	U	0.0336	U	0.00861	J
Perfluorinated Alkyl Acids by Isotope Dilution																				
Perfluorobutanoic Acid (PFBA)				mg/kg															0.000535	U
Perfluoropentanoic Acid (PFPeA)				mg/kg															0.000535	U
Perfluorobutanesulfonic Acid (PFBS)				mg/kg															0.000535	U
Perfluorohexanoic Acid (PFHxA)				mg/kg															0.000535	U
Perfluoroheptanoic Acid (PFHpA)				mg/kg															0.000267	U
Perfluorohexanesulfonic Acid (PFHxS)				mg/kg															0.000535	U
Perfluorooctanoic Acid (PFOA)	0.0011	0.033	0.0066	mg/kg															0.000535	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)				mg/kg															0.000267	U
Perfluoroheptanesulfonic Acid (PFHpS)				mg/kg															0.000535	U
Perfluorononanoic Acid (PFNA)				mg/kg															0.000535	U
Perfluorooctanesulfonic Acid (PFOS)	0.0037	0.044	0.0088	mg/kg															0.000267	U
Perfluorodecanoic Acid (PFDA)				mg/kg															0.000267	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)				mg/kg															0.000535	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)				mg/kg															0.000267	U
Perfluoroundecanoic Acid (PFUnA)				mg/kg															0.000535	U
Perfluorodecanesulfonic Acid (PFDS)				mg/kg															0.000388	
Perfluorooctanesulfonamide (FOSA)				mg/kg															0.000267	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)				mg/kg															0.000535	U
Perfluorododecanoic Acid (PFDoA)				mg/kg															0.000535	U
Perfluorotridecanoic Acid (PFTrDA)				mg/kg															0.000535	U
Perfluorotetradecanoic Acid (PFTA)				mg/kg															0.000535	U
PFOA/PFOS, Total				mg/kg															0.000388	
Organochlorine Pesticides by GC																				
4,4'-DDD		13	0.0033	mg/kg	0.0244		0.00169	U	0.0265		0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.102	
4,4'-DDE		8.9	0.0033	mg/kg	0.00171	U	0.00169	U	0.0136		0.00173	U	0.0017	U	0.00259	J	0.0016	U	0.14	
4,4'-DDT		7.9	0.0033	mg/kg	0.00322	U	0.00317	U	0.00313	U	0.00324	U	0.00318	U	0.0159	U	0.003	U	0.738	
Aldrin		0.097	0.005	mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Alpha-BHC		0.48	0.02	mg/kg	0.000714	U	0.000704	U	0.000696	U	0.00072	U	0.000707	U	0.00352	U	0.000666	U	0.000709	U
Beta-BHC		0.36	0.036	mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Chlordane				mg/kg	0.0143	U	0.0141	U	0.168		0.0144	U	0.0141	U	0.0705	U	0.0133	U	0.248	
cis-Chlordane		4.2	0.094	mg/kg	0.0093		0.00211	U	0.00754		0.00216	U	0.00212	U	0.0106	U	0.002	U	0.038	
Delta-BHC		100	0.04	mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Dieldrin		0.2	0.005	mg/kg	0.00107	U	0.00106	U	0.00305		0.00108	U	0.00106	U	0.00529	U	0.000998	U	0.00106	U
Endosulfan I		24	2.4	mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Endosulfan II		24	2.4	mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Endosulfan sulfate		24	2.4	mg/kg	0.000714	U	0.000704	U	0.000696	U	0.00072	U	0.000707	U	0.00352	U	0.000666	U	0.000709	U
Endrin		11	0.014	mg/kg	0.000714	U	0.000704	U	0.000696	U	0.00072	U	0.000707	U	0.00352	U	0.000666	U	0.000709	U
Endrin aldehyde				mg/kg	0.00214	U	0.00211	U	0.00209	U	0.00216	U	0.00212	U	0.0106	U	0.002	U	0.00213	U
Endrin ketone				mg/kg	0.00171	U	0.00169	U	0.00167	U	0.00173	U	0.0017	U	0.00846	U	0.0016	U	0.0017	U
Heptachlor		2.1	0.042	mg/kg	0.000857	U	0.000845	U	0.000835	U	0.000864	U	0.000848	U	0.00423	U	0.000799	U	0.000851	U
Heptachlor epoxide				mg/kg	0.00322	U	0.00317	U	0.00313	U	0.00324	U	0.00318	U	0.0159	U	0.003	U	0.00319	U
Lindane		1.3	0.1	mg/kg	0.000714	U	0.000704	U	0.000696	U	0.00072	U	0.000707	U	0.00352	U	0.000666	U	0.000709	U
Methoxychlor				mg/kg	0.00322	U	0.00317	U	0.00313	U	0.00324	U	0.00318	U	0.0159	U	0.003	U	0.00319	U
Toxaphene				mg/kg	0.0322	U	0.0317	U	0.0313	U	0.0324	U	0.0318	U	0.159	U	0.03	U	0.0319	U
trans-Chlordane				mg/kg	0.00916		0.00211	U	0.00719	IP	0.00216	U	0.00212	U	0.0106	U	0.002	U	0.0453	

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.

Table 2: Soil Analytical Results
808 Metropolitan Avenue, Brooklyn, NY
Remedial Investigation Report
Project No. 0204923

LOCATION					HA-04_14-16		HA-05_0-2		HA-05_14-16		DUP-SOIL_20220224		HA-06_0-2		HA-06_12-14		HA-06_14-16		HA-07_0-2'		HA-07_14-16	
SAMPLING DATE					2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/18/2022		2/24/2022		2/24/2022		2/16/2022		2/23/2022	
LAB SAMPLE ID					L2210052-03		L2208933-01		L2210052-01		L2210052-04		L2208933-03		L2210052-05		L2210052-02		L2208276-01		L2209676-05	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY PGW	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																						
Aluminum, Total				mg/kg	3040		4030		2110		2430		6060		3460		3600		3700		3020	
Antimony, Total				mg/kg	3.99	U	8.69		4.38	U	4.37	U	1.17	J	4.33	U	4.08	U	0.37	J	4.45	U
Arsenic, Total		16	13	mg/kg	1.07		11.8		1.26		0.936		6.86		1.09		1.2		11.1		1.89	
Barium, Total		400	350	mg/kg	14.6		220		14		17.9		92.8		17.3		27		357		14	
Beryllium, Total		72	7.2	mg/kg	0.096	J	0.208	J	0.166	J	0.157	J	0.35	J	0.164	J	0.171	J	0.207	J	0.267	J
Cadmium, Total		4.3	2.5	mg/kg	0.096	J	0.868	U	0.228	J	0.262	J	0.876	U	0.104	J	0.122	J	0.496	J	0.276	J
Calcium, Total				mg/kg	566		12000		3240		1020		25100		430		624		46700		718	
Chromium, Total				mg/kg	6.78		20		7.18		10.4		14.9		10.1		8.66		14.9		11.4	
Cobalt, Total				mg/kg	3.21		6.65		3.83		3.63		4.51		3.14		3.09		3.61		4.02	
Copper, Total		270	50	mg/kg	7.58		98.7		6.4		8.28		140		7.44		9.55		32.1		7.69	
Iron, Total				mg/kg	6540		48000		18200		14600		11600		8720		8330		10800		11800	
Lead, Total		400	63	mg/kg	2.44	J	4460		4.09	J	10.2		372		2.44	J	3.5	J	836		3.98	J
Magnesium, Total				mg/kg	1320		2960		2300		1260		13000		925		1110		1530		1280	
Manganese, Total		2000	1600	mg/kg	160		263		274		222		201		103		109		214		100	
Mercury, Total		0.81	0.18	mg/kg	0.065	U	0.834		0.071	U	0.071	U	0.206		0.07	U	0.066	U	2.3		0.076	U
Nickel, Total		310	30	mg/kg	5.51		20.5		6.42		6.41		8.96		5.85		7		8.63		7.82	
Potassium, Total				mg/kg	563		377		362		420		269		362		309		414		476	
Selenium, Total		180	3.9	mg/kg	1.6	U	0.955	J	0.245	J	1.75	U	0.841	J	1.73	U	1.63	U	0.397	J	1.78	U
Silver, Total		180	2	mg/kg	0.798	U	0.894		0.876	U	0.875	U	0.272	J	0.866	U	0.816	U	0.902	U	0.891	U
Sodium, Total				mg/kg	113	J	497		128	J	136	J	293		77.2	J	85.2	J	316		64.7	J
Thallium, Total				mg/kg	1.6	U	1.74	U	1.75	U	1.75	U	1.75	U	1.73	U	1.63	U	1.8	U	1.78	U
Vanadium, Total				mg/kg	9.87		18.2		13.1		15.4		32.4		12.5		9.11		15.3		16.9	
Zinc, Total		10000	109	mg/kg	12.6		289		16		45.2		125		13.4		14.4		343		17.5	
Polychlorinated Biphenyls by GC																						
Aroclor 1016		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1221		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1232		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1242		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1248		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1254		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1260		1	0.1	mg/kg	0.0337	U	0.0208	J	0.0365	U	0.0359	U	0.0143	J	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1262		1	0.1	mg/kg	0.0337	U	0.035	U	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Aroclor 1268		1	0.1	mg/kg	0.0337	U	0.0114	J	0.0365	U	0.0359	U	0.0352	U	0.0349	U	0.0331	U	0.0363	U	0.0376	U
PCBs, Total		1	0.1	mg/kg	0.0337	U	0.0322	J	0.0365	U	0.0359	U	0.0143	J	0.0349	U	0.0331	U	0.0363	U	0.0376	U
Perfluorinated Alkyl Acids by Isotope Dilution																						
Perfluorobutanoic Acid (PFBA)				mg/kg																		
Perfluoropentanoic Acid (PFPeA)				mg/kg																		
Perfluorobutanesulfonic Acid (PFBS)				mg/kg																		
Perfluorohexanoic Acid (PFHxA)				mg/kg																		
Perfluoroheptanoic Acid (PFHpA)				mg/kg																		
Perfluorohexanesulfonic Acid (PFHxS)				mg/kg																		
Perfluorooctanoic Acid (PFOA)	0.0011	0.033	0.0066	mg/kg																		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)				mg/kg																		
Perfluoroheptanesulfonic Acid (PFHpS)				mg/kg																		
Perfluorononanoic Acid (PFNA)				mg/kg																		
Perfluorooctanesulfonic Acid (PFOS)	0.0037	0.044	0.0088	mg/kg																		
Perfluorodecanoic Acid (PFDA)				mg/kg																		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)				mg/kg																		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)				mg/kg																		
Perfluoroundecanoic Acid (PFUnA)				mg/kg																		
Perfluorodecanesulfonic Acid (PFDS)				mg/kg																		
Perfluorooctanesulfonamide (FOSA)				mg/kg																		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)				mg/kg																		
Perfluorododecanoic Acid (PFDoA)				mg/kg																		
Perfluorotridecanoic Acid (PFTrDA)				mg/kg																		
Perfluorotetradecanoic Acid (PFTA)				mg/kg																		
PFOA/PFOS, Total				mg/kg																		
Organochlorine Pesticides by GC																						
4,4'-DDD		13	0.0033	mg/kg	0.00155	U	0.0326		0.00178	U	0.00174	U	0.031		0.0017	U	0.00162	U	0.00179	U	0.00176	U
4,4'-DDE		8.9	0.0033	mg/kg	0.00155	U	0.0148	J	0.00178	U	0.00174	U	0.411		0.0017	U	0.00162	U	0.00179	U	0.00176	U
4,4'-DDT		7.9	0.0033	mg/kg	0.00291	U	0.0159	J	0.00333	U	0.00326	U	0.182		0.00318	U	0.00304	U	0.00336	U	0.0033	U
Aldrin		0.097	0.005	mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Alpha-BHC		0.48	0.02	mg/kg	0.000647	U	0.00719	U	0.000741	U	0.000726	U	0.000717	U	0.000707	U	0.000676	U	0.000747	U	0.000734	U
Beta-BHC		0.36	0.036	mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Chlordane				mg/kg	0.0129	U	0.144	U	0.0148	U	0.0145	U	0.0143	U	0.0141	U	0.0135	U	0.0149	U	0.0147	U
cis-Chlordane		4.2	0.094	mg/kg	0.00194	U	0.00719	J	0.00222	U	0.00218	U	0.00215	U	0.00212	U	0.00203	U	0.00156	J	0.0022	U
Delta-BHC		100	0.04	mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Dieldrin		0.2	0.005	mg/kg	0.00097	U	0.0108	U	0.00111	U	0.00109	U	0.00108	U	0.00106	U	0.00101	U	0.00112	U	0.0011	U
Endosulfan I		24	2.4	mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Endosulfan II		24	2.4	mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Endosulfan sulfate		24	2.4	mg/kg	0.000647	U	0.00719	U	0.000741	U	0.000726	U	0.000717	U	0.000707	U	0.000676	U	0.000747	U	0.000734	U
Endrin		11	0.014	mg/kg	0.000647	U	0.00719	U	0.000741	U	0.000726	U	0.000717	U	0.000707	U	0.000676	U	0.000747	U	0.000734	U
Endrin aldehyde				mg/kg	0.00194	U	0.0216	U	0.00222	U	0.00218	U	0.00215	U	0.00212	U	0.00203	U	0.00224	U	0.0022	U
Endrin ketone				mg/kg	0.00155	U	0.0172	U	0.00178	U	0.00174	U	0.00172	U	0.0017	U	0.00162	U	0.00179	U	0.00176	U
Heptachlor		2.1	0.042	mg/kg	0.000776	U	0.00863	U	0.000889	U	0.000871	U	0.00086	U	0.000849	U	0.000811	U	0.000897	U	0.000881	U
Heptachlor epoxide				mg/kg	0.00291	U	0.0324	U	0.00333	U	0.00326	U	0.00323	U	0.00318	U	0.00304	U	0.00336	U	0.0033	U
Lindane		1.3	0.1	mg/kg	0.000647	U	0.00719	U	0.000741	U	0.000726	U	0.000717	U	0.000707	U	0.000676	U	0.000747	U	0.000734	U
Methoxychlor				mg/kg	0.00291	U	0.0324	U	0.00333	U	0.00326	U	0.00323	U	0.00318	U	0.00304	U	0.00336	U	0.0033	U
Toxaphene				mg/kg	0.0291	U	0.324	U	0.0333	U	0.0326	U	0.0323	U	0.0318	U	0.0304	U	0.0336	U	0.033	U
trans-Chlordane				mg/kg	0.00194	U	0.0105	J	0.00222	U	0.00218	U	0.00215	U	0.00212	U	0.00203	U	0.00224	U	0.0022	U

Notes:
1. Yellow shaded results exceed Unrestricted SCOs.
2. Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3. NY-RESRR - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Pr
4. NY-UNRES - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective De
5. NY PGW - NYSDEC Part 375 Protection of Groundwater Criteria
6. mg/kg - milligrams per kilogram
7. DUP-SOIL_20220224 is a Duplicate of HA-05_14-16

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.