



Appendix 3.1-5a

Long Island Marriott Phase II ESI Tables

**Table 1
Phase II Environmental Site Investigation
Report
Sample Summary**

**Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501**

101 James Doolittle Boulevard, Uniondale, NY

Soil Samples										
SOIL	Boing ID	Sample Number	Reasoning for Sample (e.g., impacts, fill, etc.)	Type	Sample Interval	Sample Name	Sample Date	Sample Time	Notes (e.g., fill, native, staining, etc.)	Sample Analysis
	SB01	1	No observed impacts	Grab	2-4	SB01_2-4	2/16/2022	10:40	native	NYSDEC Part 375 VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals, Hexavalent & Trivalent Chromium, and Total Cyanide
	SB02	2	No observed impacts	Grab	1-3	SB02_1-3	2/14/2023	14:25	native	
	SB03	3	No observed impacts	Grab	5-7	SB03_5-7	2/16/2023	11:45	native	
	SB04	4	No observed impacts	Grab	1-3	SB04_1-3	2/14/2023	11:10	native	
	SB05	5	No observed impacts	Grab	3-5	SB05_3-5	2/15/2023	12:30	native	
	SB06	6	No observed impacts	Grab	7-9	SB06_7-9	2/16/2002	11:15	native	
	SB07	7	No observed impacts	Grab	6-8	SB07_6-8	2/16/2023	12:20	native	
	SB08	8	No observed impacts	Grab	10-12	SB08_10-12	2/15/2023	13:00	native	
	SB09	9	Fill layer	Grab	0-2	SB09_0-2	2/15/2023	14:00	fill	
	SB10	10	No observed impacts	Grab	5-7	SB10_5-7	2/15/2023	12:00	native	
Soil QA/QC Samples										
Boring ID	Sample Number	Parent Sample ID	Sample Depth (feet bgs)	Type	Sample Interval	Sample Name	Sample Date	Sample Time	Notes	Sample Analysis
SB02(Duplicate)	11	SB02_1-3	1-3	Duplicate	1-3	SBDUP01_021423	2/14/2023	N/A		NYSDEC Part 375 VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals, Hexavalent & Trivalent Chromium, and Total Cyanide
Field Blank	12	N/A	N/A	Field Blank	N/A	FB01_021523	2/15/2023	14:25		
Trip Blank	13	N/A	N/A	Trip Blank	N/A	TB01_021423	2/14/2023	N/A		Part 375 VOCs
Trip Blank	14	N/A	N/A	Trip Blank	N/A	TB02_021523	2/15/2023	N/A		
Groundwater Samples										
Boing ID	Sample Number	Well Construction Log Done?	Depth to Water (feet bgs)	Depth of Well Bottom	Sample Name	Sample Date	Sample Time	Notes	Sample Analysis	
SB02	16	Yes	28.38	35	TMW02_021623	2/16/2023	9:05		NYSDEC Part 375 VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals, Hexavalent & Trivalent Chromium, and Total Cyanide	
SB04	18	Yes	25.9	35	TMW04_021523	2/15/2023	13:15			
Groundwater QA/QC Samples										
Boring ID	Sample Number	Parent Sample ID	Type	Sample Name	Sample Date	Sample Time	Notes	Sample Analysis		
TMW04(Duplicate)	20	TMW04_021523	Duplicate	GWDUP01_021523	2/15/2023	N/A		NYSDEC Part 375 VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals (total and Part 375/TCL VOCs)		
Field Blank	21	N/A	Field Blank	FB02_021623	2/16/2023	12:40				
Trip Blank	22	N/A	Trip Blank	TB03_021623	2/16/2022	N/A				
Sub-Slab Vapor Samples										
Boing ID	Sample Number	Completed Soil Vapor Log?	Sample Depth (feet bgs)	Type	Sample Interval	Sample Name	Sample Date	Sample Time	Notes	Sample Analysis
SV01	23	Yes	5 ft bgs	Grab	N/A	SV01_021523	2/15/2023	10:47		TO-15
SV02	24	Yes	5 ft bgs	Grab	N/A	SV02_021523	2/15/2023	11:02		
SV03	25	Yes	5 ft bgs	Grab	N/A	SV03_021523	2/15/2023	10:26		
SV04	26	Yes	5 ft bgs	Grab	N/A	SV04_021523	2/15/2023	9:35		
SV05	27	Yes	5 ft bgs	Grab	N/A	SV05_021523	2/15/2023	10:00		
AA01	28	Yes	3-5 feet above grade	Grab	N/A	AA01_021523	2/15/2023	10:30	Located 5 ft above ground on the base of a light pole	

- Notes**
- VOC = Volatile organic compound
 - SVOC = Semi volatile organic compound
 - PCB = Polychlorinated biphenyl
 - TAL = Target analyte list

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location	SB01	SB02	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB09	SB10
				Sample Name	SB01_2-4	SB02_1-3	SBDUP01_021423	SB03_5-7	SB04_1-3	SB05_3-5	SB06_7-9	SB07_6-8	SB08_10-12	SB09_0-2	SB10_5-7
				Sample Date	02/16/2023	02/14/2023	02/15/2023	02/16/2023	02/14/2023	02/15/2023	02/16/2023	02/16/2023	02/15/2023	02/15/2023	02/15/2023
				Sample Depth	2-4	1-3	1-3	5-7	1-3	3-5	7-9	6-8	10-12	0-2	5-7
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
1,1,1-Trichloroethane	71-55-6	0.68	100	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
1,1,2-Trichloroethane	79-00-5	NS	NS	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,1-Dichloroethane	75-35-4	0.33	100	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,1-Dichloropropene	563-58-6	NS	NS	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2,3-Trichloropropane	96-18-4	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	mg/kg	<0.0033 U	<0.0027 U	<0.0033 U	<0.0034 U	<0.0036 U	<0.0033 U	<0.0032 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,2-Dichloroethane	107-06-2	0.02	3.1	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,2-Dichloropropane	78-87-5	NS	NS	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,3-Dichloropropane	142-28-9	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,4-Diethyl Benzene	105-05-5	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	<0.088 U	<0.073 U	<0.088 U	<0.09 U	<0.095 U	<0.088 U	<0.086 U	<0.082 U	<0.088 U	<0.074 U	<0.081 U
2,2-Dichloropropane	594-20-7	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
2-Chlorotoluene	95-49-8	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
2-Hexanone (MBK)	591-78-6	NS	NS	mg/kg	<0.011 U	<0.0092 U	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.0093 U	<0.011 U
4-Chlorotoluene	106-43-4	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
4-Ethyltoluene	622-96-8	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Acetone	67-64-1	0.05	100	mg/kg	0.01 J	<0.0092 U	<0.011 U	0.016	<0.012 U	0.011	0.0054 J	<0.011 U	<0.011 U	<0.0093 U	<0.011 U
Acrylonitrile	107-13-1	NS	NS	mg/kg	<0.0044 U	<0.0037 U	<0.0044 U	<0.0045 U	<0.0047 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0037 U	<0.0044 U
Benzene	71-43-2	0.06	4.8	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
Bromobenzene	108-86-1	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Bromochloromethane	74-97-5	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Bromodichloromethane	75-27-4	NS	NS	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
Bromoform	75-25-2	NS	NS	mg/kg	<0.0044 U	<0.0037 U	<0.0044 U	<0.0045 U	<0.0047 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0037 U	<0.0044 U
Bromomethane	74-83-9	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Carbon Disulfide	75-15-0	NS	NS	mg/kg	<0.011 U	<0.0092 U	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.0093 U	<0.011 U
Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
Chlorobenzene	108-90-7	1.1	100	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
Chloroethane	75-00-3	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Chloroform	67-66-3	0.37	49	mg/kg	<0.0016 U	<0.0014 U	<0.0016 U	<0.0017 U	<0.0018 U	<0.0016 U	<0.0016 U	<0.0015 U	<0.0017 U	<0.0014 U	<0.0015 U
Chloromethane	74-87-3	NS	NS	mg/kg	<0.0044 U	<0.0037 U	<0.0044 U	<0.0045 U	<0.0047 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0037 U	<0.0044 U
Cis-1,2-Dichloroethene	156-59-2	0.25	100	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	mg/kg	<0.00055 U	<0.00046 U	<0.00055 U	<0.00056 U	<0.00059 U	<0.00055 U	<0.00054 U	<0.00051 U	<0.00055 U	<0.00046 U	<0.00051 U
Cymene	99-87-6	NS	NS	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
Dibromochloromethane	124-48-1	NS	NS	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
Dibromomethane	74-95-3	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Dichlorodifluoromethane	75-71-8	NS	NS	mg/kg	<0.011 U	<0.0092 U	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.0093 U	<0.011 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	mg/kg	<0.0022 U	<0.0018 U	<0.0022 U	<0.0022 U	<0.0024 U	<0.0022 U	<0.0021 U	<0.0021 U	<0.0022 U	<0.0018 U	<0.0022 U
Ethylbenzene	100-41-4	1	41	mg/kg	<0.0011 U	<0.00092 U	<0.0011 U	<0.0011 U	<0.0012 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.0011 U	<0.00093 U	<0.0011 U
Hexachlorobutadiene	87-68-3	NS	NS	mg/kg	<0.0044 U	<0.0037 U	<0.0044 U	<0.0045 U	<0.0047 U	<0.0044 U	<0.0044 U	<0.0			

Sands New York
101 James Doolittle Boulevard
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Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location	SB01	SB02	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB09	SB10
				Sample Name	SB01_2-4	SB02_1-3	SBDUP01_021423	SB03_5-7	SB04_1-3	SB05_3-5	SB06_7-9	SB07_6-8	SB08_10-12	SB09_0-2	SB10_5-7
				Sample Date	02/16/2023	02/14/2023	02/14/2023	02/16/2023	02/14/2023	02/15/2023	02/16/2023	02/16/2023	02/15/2023	02/15/2023	02/15/2023
				Sample Depth	2-4	1-3	1-3	5-7	1-3	3-5	7-9	6-8	10-12	0-2	5-7
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	<0.027 U	<0.025 U	<0.025 U	<0.026 U	<0.025 U	<0.025 U	<0.026 U	<0.025 U	<0.025 U	<0.026 U	<0.025 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U
2,4-Dichlorophenol	120-83-2	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U
2,4-Dimethylphenol	105-67-9	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2,4-Dinitrophenol	51-28-5	NS	NS	mg/kg	<0.85 U	<0.79 U	<0.79 U	<0.84 U	<0.81 U	<0.8 U	<0.82 U	<0.8 U	<0.81 U	<0.85 U	<0.81 U
2,4-Dinitrotoluene	121-14-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2,6-Dinitrotoluene	606-20-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2-Chloronaphthalene	91-58-7	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2-Chlorophenol	95-57-8	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2-Methylnaphthalene	91-57-6	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.2 U	<0.21 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.21 U	<0.2 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	100	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2-Nitroaniline	88-74-4	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
2-Nitrophenol	88-75-5	NS	NS	mg/kg	<0.38 U	<0.36 U	<0.36 U	<0.38 U	<0.36 U	<0.36 U	<0.37 U	<0.36 U	<0.36 U	<0.38 U	<0.36 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	100	mg/kg	<0.26 U	<0.24 U	<0.24 U	<0.25 U	<0.24 U	<0.24 U	<0.24 U	<0.25 U	<0.24 U	<0.25 U	<0.24 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
3-Nitroaniline	99-09-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	mg/kg	<0.46 U	<0.43 U	<0.43 U	<0.45 U	<0.44 U	<0.43 U	<0.44 U	<0.43 U	<0.44 U	<0.46 U	<0.44 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4-Chloroaniline	106-47-8	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4-Nitroaniline	100-01-6	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
4-Nitrophenol	100-02-7	NS	NS	mg/kg	<0.25 U	<0.23 U	<0.23 U	<0.24 U	<0.24 U	<0.23 U	<0.24 U	<0.23 U	<0.24 U	<0.25 U	<0.24 U
Acenaphthene	83-32-9	20	100	mg/kg	<0.14 U	<0.13 U	<0.13 U	<0.14 U	0.017 J	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
Acenaphthylene	208-96-8	100	100	mg/kg	<0.14 U	0.096 J	0.074 J	<0.14 U	0.12 J	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
Acetophenone	98-86-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Anthracene	120-12-7	100	100	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)anthracene	56-55-3	1	1	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.021 J	<0.1 U	0.028 J	<0.1 U
Benzo(a)pyrene	50-32-8	1	1	mg/kg	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	205-99-2	1	1	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.033 J	<0.1 U	0.036 J	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	100	100	mg/kg	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.099 U	<0.1 U	<0.1 U	
Benzoic Acid	65-85-0	NS	NS	mg/kg	<0.58 U	<0.53 U	<0.53 U	<0.56 U	<0.55 U	<0.54 U	<0.55 U	<0.54 U	<0.54 U	<0.57 U	<0.55 U
Benzyl Alcohol	100-51-6	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	mg/kg	<0.4 U	<0.37 U	<0.38 U	<0.4 U	<0.38 U	<0.38 U	<0.39 U	<0.38 U	<0.38 U	<0.4 U	<0.38 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	mg/kg	<0.19 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.2 U	<0.21 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.21 U	<0.2 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Carbazole	86-74-8	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Chrysene	218-01-9	1	3.9	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.022 J	<0.1 U	0.028 J	<0.1 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.099 U	<0.1 U	<0.1 U	
Dibenzofuran	132-64-9	7	59	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Dibutyl phthalate	84-74-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Diethyl phthalate	84-66-2	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Dimethyl phthalate	131-11-3	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Dioctyl phthalate	117-84-0	NS	NS	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Fluoranthene	206-44-0	100	100	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	0.048 J	<0.1 U	0.058 J	<0.1 U
Fluorene	86-73-7	30	100	mg/kg	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.17 U	<0.18 U	<0.17 U
Hexachlorobenzene	118-74-1	0.33	1.2	mg/kg	<0.11 U	<0.099 U	<0.099 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.099 U	<0.1 U	<0.1 U	
Hexachlorobutadiene															

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101 James Doolittle Boulevard
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Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location	SB01	SB02	SB02	SB03	SB04	SB05	SB06	SB07	SB08	SB09	SB10
				Sample Name	SB01_2-4	SB02_1-3	SBDUP01_021423	SB03_5-7	SB04_1-3	SB05_3-5	SB06_7-9	SB07_6-8	SB08_10-12	SB09_0-2	SB10_5-7
				Sample Date	02/16/2023	02/14/2023	02/14/2023	02/16/2023	02/14/2023	02/16/2023	02/16/2023	02/16/2023	02/16/2023	02/15/2023	02/15/2023
				Sample Depth	2-4	1-3	1-3	5-7	1-3	3-5	7-9	6-8	10-12	0-2	5-7
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Pesticides															
4,4'-DDD	72-54-8	0.0033	13	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
4,4'-DDE	72-55-9	0.0033	8.9	mg/kg	0.000427 J	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
4,4'-DDT	50-29-3	0.0033	7.9	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Aldrin	309-00-2	0.005	0.097	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	mg/kg	<0.00069 U	<0.000653 U	<0.000664 U	<0.000685 U	<0.000664 U	<0.000656 U	<0.000665 U	<0.000665 U	<0.000643 U	<0.00068 U	<0.000656 U
Alpha Chlordane	5103-71-9	0.094	4.2	mg/kg	<0.00207 U	<0.00196 U	<0.00199 U	<0.00206 U	<0.00199 U	<0.00197 U	<0.002 U	<0.00199 U	<0.00193 U	<0.00204 U	<0.00197 U
Alpha Endosulfan	959-98-8	2.4	24	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Beta Endosulfan	33213-65-9	2.4	24	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	mg/kg	<0.0138 U	<0.0131 U	<0.0133 U	<0.0137 U	<0.0133 U	<0.0131 U	<0.0133 U	<0.0133 U	<0.0129 U	<0.0136 U	<0.0131 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Dieldrin	60-57-1	0.005	0.2	mg/kg	<0.00103 U	<0.00098 U	<0.000995 U	<0.00103 U	<0.000995 U	<0.000983 U	<0.000998 U	<0.000997 U	<0.000965 U	<0.00102 U	<0.000984 U
Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	<0.00069 U	<0.000653 U	<0.000664 U	<0.000685 U	<0.000664 U	<0.000656 U	<0.000665 U	<0.000665 U	<0.000643 U	<0.00068 U	<0.000656 U
Endrin	72-20-8	0.014	11	mg/kg	<0.00069 U	<0.000653 U	<0.000664 U	<0.000685 U	<0.000664 U	<0.000656 U	<0.000665 U	<0.000665 U	<0.000643 U	<0.00068 U	<0.000656 U
Endrin Aldehyde	7421-93-4	NS	NS	mg/kg	<0.00207 U	<0.00196 U	<0.00199 U	<0.00206 U	<0.00199 U	<0.00197 U	<0.002 U	<0.00199 U	<0.00193 U	<0.00204 U	<0.00197 U
Endrin Ketone	53494-70-5	NS	NS	mg/kg	<0.00166 U	<0.00157 U	<0.00159 U	<0.00164 U	<0.00159 U	<0.00157 U	<0.0016 U	<0.0016 U	<0.00154 U	<0.00163 U	<0.00157 U
Gamma Bhc (Lindane)	58-89-9	0.1	1.3	mg/kg	<0.00069 U	<0.000653 U	<0.000664 U	<0.000685 U	<0.000664 U	<0.000656 U	<0.000665 U	<0.000665 U	<0.000643 U	<0.00068 U	<0.000656 U
Gamma Chlordane (Trans-)	5103-74-2	NS	NS	mg/kg	<0.00207 U	<0.00196 U	<0.00199 U	<0.00206 U	<0.00199 U	<0.00197 U	<0.002 U	<0.00199 U	<0.00193 U	<0.00204 U	<0.00197 U
Heptachlor	76-44-8	0.042	2.1	mg/kg	<0.000828 U	<0.000784 U	<0.000796 U	<0.000822 U	<0.000796 U	<0.000787 U	<0.000798 U	<0.000798 U	<0.000772 U	<0.000816 U	<0.000787 U
Heptachlor Epoxide	1024-57-3	NS	NS	mg/kg	<0.0031 U	<0.00294 U	<0.00298 U	<0.00308 U	<0.00299 U	<0.00295 U	<0.00299 U	<0.00299 U	<0.0029 U	<0.00306 U	<0.00295 U
Methoxychlor	72-43-5	NS	NS	mg/kg	<0.0031 U	<0.00294 U	<0.00298 U	<0.00308 U	<0.00299 U	<0.00295 U	<0.00299 U	<0.00299 U	<0.0029 U	<0.00306 U	<0.00295 U
Toxaphene	8001-35-2	NS	NS	mg/kg	<0.031 U	<0.0294 U	<0.0298 U	<0.0308 U	<0.0299 U	<0.0295 U	<0.0299 U	<0.0299 U	<0.029 U	<0.0306 U	<0.0295 U
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
Total PCBs	1336-36-3	0.1	1	mg/kg	<0.0342 U	<0.0334 U	<0.0324 U	<0.0349 U	<0.033 U	<0.0323 U	<0.0339 U	<0.0329 U	<0.0325 U	<0.0337 U	<0.0338 U
Metals															
Aluminum	7429-90-5	NS	NS	mg/kg	5,120	2,080	1,720	3,050	6,660	2,060	1,700	1,870	716	9,030	3,200
Antimony	7440-36-0	NS	NS	mg/kg	<4.13 U	0.403 J	0.325 J	<4.17 U	<4.07 U	<3.89 U	<3.92 U	<3.97 U	<3.91 U	0.788 J	<3.95 U
Arsenic	7440-38-2	13	16	mg/kg	2.32	1.05	1.63	1.5	2.09	1.04	0.792	1.3	0.738 J	3	1.24
Barium	7440-39-3	350	400	mg/kg	16.8	11.3	9.48	11.6	23	12.9	9.64	9.99	3.06	18.7	11
Beryllium	7440-41-7	7.2	72	mg/kg	0.276 J	0.215 J	0.185 J	0.393 J	0.236 J	0.144 J	0.186 J	0.213 J	0.076 J	0.261 J	0.155 J
Cadmium	7440-43-9	2.5	4.3	mg/kg	<0.826 U	<0.79 U	<0.783 U	<0.833 U	<0.814 U	<0.777 U	<0.785 U	<0.794 U	<0.781 U	0.106 J	<0.79 U
Calcium	7440-70-2	NS	NS	mg/kg	430	156	143	129	270	114	173	819	31.1	3,180	1,110
Chromium, Hexavalent	18540-29-9	1	110	mg/kg	0.217 J	<0.812 U	<0.81 U	<0.862 U	0.28 J	<0.82 U	<0.832 U	0.162 J	<0.816 U	<0.858 U	<0.826 U
Chromium, Total	7440-47-3	NS	NS	mg/kg	6.74	4.52	4.97	5.54	6.82	3.12	7.59	6.32	2.68	8.76	6.87
Chromium, Trivalent	16065-83-1	30	180	mg/kg	6.52 J	4.52	4.97	5.54	6.54 J	3.12	7.59	6.16 J	2.68	8.76	6.87
Cobalt	7440-48-4	NS	NS	mg/kg	2.74	2.84	4.38	2.62	3.69	1.93	1.05 J	1.73	0.518 J	3.73	2.16
Copper	7440-50-8	50	270	mg/kg	4.24	4.01	4.02	4.87	2.92	3.57	2.57	3.25	1.05	3.31	3.83
Cyanide	57-12-5	27	27	mg/kg	<1.1 U	<0.93 U	<0.98 U	<1 U	<0.98 U	<0.94 U	<0.99 U	<0.98 U	<0.93 U	<1.1 U	<1 U
Iron	7439-89-6	NS	NS	mg/kg	8,220	6,580	5,780	9,410	8,030	5,230	4,710	6,140	2,680	9,510	4,950
Lead	7439-92-1	63	400	mg/kg	5.88	2.34 J	6.64	1.76 J	3.7 J	1.57 J	1.37 J	1.67 J	0.829 J	8.6	2.29 J
Magnesium	7439-95-4	NS	NS	mg/kg	690	636	432	808	1,050	392	448	886	146	3,170	1,370
Manganese	7439-96-5	1600	2000	mg/kg	121	197	189	187	160	89.4	99.8	111	26.9	99	66
Mercury	7439-97-6	0.18	0.81	mg/kg	<0.069 U	<0.064 U	<0.067 U	<0.069 U	<0.071 U	<0.075 U	<0.067 U	<0.065 U	<0.073 U	<0.073 U	<0.08 U
Nickel	7440-02-0	30	310	mg/kg	4.57	4.36	3.95	6.52	5.29	2.61	2.26	2.86	0.673 J	4.04	3.3
Potassium	7440-09-7	NS	NS	mg/kg	253	326	246	490	192 J	227	256	264	68.4 J	230	266
Selenium	7782-49-2	3.9	180	mg/kg	<1.65 U	<1.58 U	0.237 J	<1.67 U	<1.63 U	<1.55 U	<1.57 U	<1.59 U	<1.56 U	<1.63 U	<1.58 U
Silver	7440-22-4	2	180	mg/kg	<0.413 U	<0.395 U	<0.391 U	<0.417 U	<0.407 U	<0.389 U	<0.392 U	<0.397 U	<0.391 U	<0.408 U	<0.395

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

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 RL; the value

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW02	TMW04	TMW04
			Sample Name	TMW02_021623	TMW04_021523	GW DUP01_021523
			Sample Date	02/16/2023	02/15/2023	02/15/2023
			Unit	Result	Result	Result
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U
Acetone	67-64-1	50	ug/l	<5 U	2.7 J	2.2 J
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Naphthalene	91-20-3	10	ug/l	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW02	TMW04	TMW04
			Sample Name	TMW02_021623	TMW04_021523	GWDUP01_021523
			Sample Date	02/16/2023	02/15/2023	02/15/2023
			Unit	Result	Result	Result
Semi-Volatile Organic Compounds						
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	<0.1 U	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	0.02 J	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.02 J	<0.1 U	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	0.05 J	0.02 J	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	0.05 J	0.02 J	<0.1 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.1 J	0.02 J	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.07 J	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.03 J	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U
Chrysene	218-01-9	0.002	ug/l	0.05 J	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U
Diethyl phthalate	117-84-0	50	ug/l	5.7	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.06 J	0.05 J	0.03 J
Fluorene	86-73-7	50	ug/l	<0.1 U	<0.1 U	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.07 J	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	<0.1 U	<0.1 U	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	0.03 J	0.08 J	0.07 J
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	0.05 J	<0.1 U	0.02 J

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW02	TMW04	TMW04
			Sample Name	TMW02_021623	TMW04_021523	GW DUP01_021523
			Sample Date	02/16/2023	02/15/2023	02/15/2023
			Unit	Result	Result	Result
Pesticides						
4,4'-DDD	72-54-8	0.3	ug/l	<0.029 U	<0.029 U	<0.029 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U
Aldrin	309-00-2	0	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.029 U	<0.029 U	<0.029 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.143 U	<0.143 U	<0.143 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Dieldrin	60-57-1	0.004	ug/l	<0.029 U	<0.029 U	<0.029 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin	72-20-8	0	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin Ketone	53494-70-5	5	ug/l	<0.029 U	<0.029 U	<0.029 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.014 U	<0.014 U	<0.014 U
Gamma Chlordane (Trans-)	5103-74-2	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Heptachlor	76-44-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.014 U	<0.014 U	<0.014 U
Methoxychlor	72-43-5	35	ug/l	<0.143 U	<0.143 U	<0.143 U
Toxaphene	8001-35-2	0.06	ug/l	<0.143 U	<0.143 U	<0.143 U
Polychlorinated Biphenyl						
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
Total PCBs	1336-36-3	0.09	ug/l	<0.071 U	<0.071 U	<0.071 U
Metals - Dissolved						
Aluminum	7429-90-5	NS	ug/l	<10 U	4.77 J	5.21 J
Antimony	7440-36-0	3	ug/l	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	<0.5 U	<0.5 U	<0.5 U
Barium	7440-39-3	1000	ug/l	59.67	39.76	38.73
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	0.07 J	0.07 J
Calcium	7440-70-2	NS	ug/l	11,300	18,000	17,100
Chromium, Total	7440-47-3	NS	ug/l	<1 U	<1 U	<1 U
Cobalt	7440-48-4	NS	ug/l	1.96	8.52	8.09
Copper	7440-50-8	200	ug/l	7.68	0.81 J	1.12
Iron	7439-89-6	300	ug/l	206	1,060	964
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	3,040	4,650	4,090
Manganese	7439-96-5	300	ug/l	296.4	3,103	2,972
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	4.08	10.74	10.19
Potassium	7440-09-7	NS	ug/l	1,470	2,410	2,260
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	75,600	44,800	42,100
Thallium	7440-28-0	0.5	ug/l	<1 U	0.29 J	0.28 J
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	4.99 J	<10 U	<10 U
Metals - Total						
Aluminum	7429-90-5	NS	ug/l	10.4	8.05 J	11.1
Antimony	7440-36-0	3	ug/l	<4 U	0.55 J	<4 U
Arsenic	7440-38-2	25	ug/l	0.16 J	<0.5 U	<0.5 U
Barium	7440-39-3	1000	ug/l	57.53	36	35.71
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	0.07 J	0.06 J
Calcium	7440-70-2	NS	ug/l	10,800	15,100	15,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<50 U
Chromium, Total	7440-47-3	NS	ug/l	<1 U	<1 U	<1 U
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<50 U
Cobalt	7440-48-4	NS	ug/l	2.06	7.92	7.83
Copper	7440-50-8	200	ug/l	0.62 J	0.53 J	0.49 J
Cyanide	57-12-5	200	ug/l	2 J	<5 U	2 J
Iron	7439-89-6	300	ug/l	211	1,030	975
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	3,210	3,660	3,710
Manganese	7439-96-5	300	ug/l	338.3	2,991	2,974
Mercury	7439-97-6	0.7	ug/l	0.17 JB	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	3.67	9.77	9.38
Potassium	7440-09-7	NS	ug/l	1,240	2,020	1,990
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	97,400	37,800	37,600
Thallium	7440-28-0	0.5	ug/l	<1 U	1.12	0.25 J
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

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 RL; the value shown in the table is the RL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	AA01	SV01	SV02	SV03	SV04	SV05
			Sample Name	AA01_021523	SV01_021523	SV02_021523	SV03_021523	SV04_021523	SV05_021523
			Sample Date	02/15/2023	02/15/2023	02/15/2023	02/15/2023	02/15/2023	02/15/2023
			Sample Type	AA	SV	SV	SV	SV	SV
Unit	Result	Result	Result	Result	Result	Result			
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	100	ug/m3	<1.09 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<2.02 U	<2.02 U	<2.02 U	<2.02 U	<2.02 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<2.25 U	<2.25 U	<2.25 U	<2.25 U	<2.25 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<2.18 U	<2.18 U	<2.18 U	<2.18 U	<2.18 U
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	485	489	600	988	595
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<2.26 U	<2.26 U	<2.26 U	<2.26 U	<2.26 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<1.36 U	<1.36 U	<1.36 U	<1.36 U	<1.36 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.40 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	129	136	178	282	162
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	9.53	1.91	1.43	2.57	1.5
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	<1.37 U	8.17	<1.37 U	<1.37 U	<1.37 U
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.820 U	<1.20 U	<1.20 U	<1.20 U	4.34	<1.20 U
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	153	164	197	234	149
Acetone	67-64-1	NS	ug/m3	4.51	242	195	185	266	149
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.920 U	<0.920 U	<0.920 U	<0.920 U	<0.920 U
Benzene	71-43-2	NS	ug/m3	<0.639 U	5.43	1.99	1.72	1.17	1.11
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.97 U	<1.97 U	<1.97 U	<1.97 U	<1.97 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<1.29 U	<1.29 U	<1.29 U	<1.29 U	<1.29 U
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<3.04 U	<3.04 U	<3.04 U	<3.04 U	<3.04 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<1.14 U	<1.14 U	<1.14 U	<1.14 U	<1.14 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	10	2.87	1.2	<0.916 U	<0.916 U
Carbon Tetrachloride	56-23-5	6	ug/m3	<1.26 U	<1.85 U	<1.85 U	<1.85 U	<1.85 U	<1.85 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<1.35 U	<1.35 U	<1.35 U	<1.35 U	<1.35 U
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<0.776 U	<0.776 U	<0.776 U	<0.776 U	<0.776 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<1.44 U	<1.44 U	<1.44 U	<1.44 U	<1.44 U
Chloromethane	74-87-3	NS	ug/m3	1.18	<0.607 U	<0.607 U	<0.607 U	<0.607 U	<0.607 U
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	2.87	2.51	1.14	<1.01 U	<1.01 U
Dibromochloromethane	124-48-1	NS	ug/m3	<1.70 U	<2.50 U	<2.50 U	<2.50 U	<2.50 U	<2.50 U
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.29	2.29	2.25	2.42	2.18	2.57
Ethanol	64-17-5	NS	ug/m3	<9.42 U	<13.8 U	<13.8 U	<13.8 U	<13.8 U	<13.8 U
Ethyl Acetate	141-78-6	NS	ug/m3	<1.80 U	<2.65 U	<2.65 U	<2.65 U	<2.65 U	<2.65 U
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	81.7	145	138	122	106
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<3.14 U	<3.14 U	<3.14 U	<3.14 U	<3.14 U
Isopropanol	67-63-0	NS	ug/m3	<1.23 U	2.42	<1.81 U	<1.81 U	3.81	2.97
M,P-Xylene	179601-23-1	NS	ug/m3	<1.74 U	414	621	656	617	534
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	30.1	8.29	5.57	25.9	12.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	<3.01 U	<3.01 U	<3.01 U	4.26	<3.01 U
Methylene Chloride	75-09-2	100	ug/m3	<1.74 U	<2.55 U	<2.55 U	<2.55 U	<2.55 U	<2.55 U
n-Heptane	142-82-5	NS	ug/m3	<0.820 U	6.39	7.5	5.78	3.65	3.29
n-Hexane	110-54-3	NS	ug/m3	<0.705 U	10.4	4.9	3.02	2.56	1.47
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	<0.869 U	197	285	323	345	261
Styrene	100-42-5	NS	ug/m3	<0.852 U	<1.25 U	<1.25 U	1.26	<1.25 U	<1.25 U
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	<2.23 U	<2.23 U	<2.23 U	<2.23 U	<2.23 U
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	<1.36 U	2.23	2.91	8.68	3.57	2.8
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	<2.17 U	<2.17 U	<2.17 U	6.11	2.4
Toluene	108-88-3	NS	ug/m3	<0.754 U	38.8	56.2	69.3	41.1	43.3
Total Xylenes	1330-20-7	NS	ug/m3	<0.869 U	612	908	977	964	795
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U
Trichloroethene (TCE)	79-01-6	6	ug/m3	<1.07 U	<1.58 U	<1.58 U	<1.58 U	<1.58 U	<1.58 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.19	<1.65 U	<1.65 U	<1.65 U	<1.65 U	<1.65 U
Vinyl Chloride	75-01-4	6	ug/m3	<0.511 U	<0.752 U	<0.752 U	<0.752 U	<0.752 U	<0.752 U
Total BTEX	BTEX	NS	ug/m3	ND	737.93	1111.19	1186.02	1128.27	945.41
Total CVOCs	CVOCs	NS	ug/m3		2.23	2.91	8.68	3.57	2.8

Table 4
Phase II Environmental Site Investigation Report
Soil Vapor Sample Analytical Results - NYSDOH

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Notes:

AA - Ambient Air

SV - Soil Vapor

CAS - Chemical Abstract Service

NS - No standard

ug/m³ - microgram per cubic meter

RL - Reporting limit

<RL - Not detected

Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Ambient air sample analytical results are shown for reference only.

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds minimum soil vapor concentrations recommending mitigation

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	USEPA VISL for Soil Vapor - Commercial	Location	AA01	SV01	SV02	SV03	SV04	SV05
			Sample Name	AA01_021523	SV01_021523	SV02_021523	SV03_021523	SV04_021523	SV05_021523
			Sample Date	02/15/2023	02/15/2023	02/15/2023	02/15/2023	02/15/2023	02/15/2023
			Sample Type	AA	SV	SV	SV	SV	SV
Unit	Result	Result	Result	Result	Result	Result			
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	730000	ug/m3	<1.09 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U
1,1,2,2-Tetrachloroethane	79-34-5	7.05	ug/m3	<1.37 U	<2.02 U	<2.02 U	<2.02 U	<2.02 U	<2.02 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	730000	ug/m3	<1.53 U	<2.25 U	<2.25 U	<2.25 U	<2.25 U	<2.25 U
1,1,2-Trichloroethane	79-00-5	25.6	ug/m3	<1.09 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U	<1.60 U
1,1-Dichloroethane	75-34-3	256	ug/m3	<0.809 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U
1,1-Dichloroethene	75-35-4	29200	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
1,2,4-Trichlorobenzene	120-82-1	292	ug/m3	<1.48 U	<2.18 U	<2.18 U	<2.18 U	<2.18 U	<2.18 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.681	ug/m3	<1.54 U	<2.26 U	<2.26 U	<2.26 U	<2.26 U	<2.26 U
1,2-Dichlorobenzene	95-50-1	29200	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,2-Dichloroethane	107-06-2	15.7	ug/m3	<0.809 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U	<1.19 U
1,2-Dichloropropane	78-87-5	110	ug/m3	<0.924 U	<1.36 U	<1.36 U	<1.36 U	<1.36 U	<1.36 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.40 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U	<2.05 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8760	ug/m3	<0.983 U	129	136	178	282	162
1,3-Butadiene	106-99-0	13.6	ug/m3	<0.442 U	9.53	1.91	1.43	2.57	1.5
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,4-Dichlorobenzene	106-46-7	37.2	ug/m3	<1.20 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U	<1.77 U
1,4-Dioxane (P-Dioxane)	123-91-1	81.8	ug/m3	<0.721 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	<1.37 U	8.17	<1.37 U	<1.37 U	<1.37 U
2-Hexanone (MBK)	591-78-6	4380	ug/m3	<0.820 U	<1.20 U	<1.20 U	<1.20 U	4.34	<1.20 U
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	153	164	197	234	149
Acetone	67-64-1	4510000	ug/m3	4.51	242	195	185	266	149
Allyl Chloride (3-Chloropropene)	107-05-1	68.1	ug/m3	<0.626 U	<0.920 U	<0.920 U	<0.920 U	<0.920 U	<0.920 U
Benzene	71-43-2	52.4	ug/m3	<0.639 U	5.43	1.99	1.72	1.17	1.11
Benzyl Chloride	100-44-7	8.34	ug/m3	<1.04 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U	<1.52 U
Bromodichloromethane	75-27-4	11	ug/m3	<1.34 U	<1.97 U	<1.97 U	<1.97 U	<1.97 U	<1.97 U
Bromoethene	593-60-2	27.3	ug/m3	<0.874 U	<1.29 U	<1.29 U	<1.29 U	<1.29 U	<1.29 U
Bromoform	75-25-2	372	ug/m3	<2.07 U	<3.04 U	<3.04 U	<3.04 U	<3.04 U	<3.04 U
Bromomethane	74-83-9	730	ug/m3	<0.777 U	<1.14 U	<1.14 U	<1.14 U	<1.14 U	<1.14 U
Carbon Disulfide	75-15-0	102000	ug/m3	<0.623 U	10	2.87	1.2	<0.916 U	<0.916 U
Carbon Tetrachloride	56-23-5	68.1	ug/m3	<1.26 U	<1.85 U	<1.85 U	<1.85 U	<1.85 U	<1.85 U
Chlorobenzene	108-90-7	7300	ug/m3	<0.921 U	<1.35 U	<1.35 U	<1.35 U	<1.35 U	<1.35 U
Chloroethane	75-00-3	1460000	ug/m3	<0.528 U	<0.776 U	<0.776 U	<0.776 U	<0.776 U	<0.776 U
Chloroform	67-66-3	17.8	ug/m3	<0.977 U	<1.44 U	<1.44 U	<1.44 U	<1.44 U	<1.44 U
Chloromethane	74-87-3	13100	ug/m3	1.18	<0.607 U	<0.607 U	<0.607 U	<0.607 U	<0.607 U
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U
Cyclohexane	110-82-7	876000	ug/m3	<0.688 U	2.87	2.51	1.14	<1.01 U	<1.01 U
Dibromochloromethane	124-48-1	NS	ug/m3	<1.70 U	<2.50 U	<2.50 U	<2.50 U	<2.50 U	<2.50 U
Dichlorodifluoromethane	75-71-8	14600	ug/m3	2.29	2.29	2.25	2.42	2.18	2.57
Ethanol	64-17-5	NS	ug/m3	<9.42 U	<13.8 U	<13.8 U	<13.8 U	<13.8 U	<13.8 U
Ethyl Acetate	141-78-6	10200	ug/m3	<1.80 U	<2.65 U	<2.65 U	<2.65 U	<2.65 U	<2.65 U
Ethylbenzene	100-41-4	164	ug/m3	<0.869 U	121	145	138	82.7	106
Hexachlorobutadiene	87-68-3	18.6	ug/m3	<2.13 U	<3.14 U	<3.14 U	<3.14 U	<3.14 U	<3.14 U
Isopropanol	67-63-0	29200	ug/m3	<1.23 U	2.42	<1.81 U	<1.81 U	3.81	2.97
M,P-Xylene	179601-23-1	14600	ug/m3	<1.74 U	414	621	656	617	534
Methyl Ethyl Ketone (2-Butanone)	78-93-3	730000	ug/m3	<1.47 U	30.1	8.29	5.57	25.9	12.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	438000	ug/m3	<2.05 U	<3.01 U	<3.01 U	<3.01 U	4.26	<3.01 U
Methylene Chloride	75-09-2	40900	ug/m3	<1.74 U	<2.55 U	<2.55 U	<2.55 U	<2.55 U	<2.55 U
n-Heptane	142-82-5	NS	ug/m3	<0.820 U	6.39	7.5	5.78	3.65	3.29
n-Hexane	110-54-3	102000	ug/m3	<0.705 U	10.4	4.9	3.02	2.56	1.47
o-Xylene (1,2-Dimethylbenzene)	95-47-6	14600	ug/m3	<0.869 U	197	285	323	345	261
Styrene	100-42-5	146000	ug/m3	<0.852 U	<1.25 U	<1.25 U	1.26	<1.25 U	<1.25 U
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	<2.23 U	<2.23 U	<2.23 U	<2.23 U	<2.23 U
Tert-Butyl Methyl Ether	1634-04-4	1570	ug/m3	<0.721 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U
Tetrachloroethene (PCE)	127-18-4	1570	ug/m3	<1.36 U	2.23	2.91	8.68	3.57	2.8
Tetrahydrofuran	109-99-9	292000	ug/m3	<1.47 U	<2.17 U	<2.17 U	<2.17 U	6.11	2.4
Toluene	108-88-3	730000	ug/m3	<0.754 U	38.8	56.2	69.3	41.1	43.3
Total Xylenes	1330-20-7	14600	ug/m3	<0.869 U	612	908	977	964	795
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U	<1.17 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U	<1.33 U
Trichloroethene (TCE)	79-01-6	99.7	ug/m3	<1.07 U	<1.58 U	<1.58 U	<1.58 U	<1.58 U	<1.58 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.19	<1.65 U	<1.65 U	<1.65 U	<1.65 U	<1.65 U
Vinyl Chloride	75-01-4	92.9	ug/m3	<0.511 U	<0.752 U	<0.752 U	<0.752 U	<0.752 U	<0.752 U
1,2,4-Trimethylbenzene	95-63-6	8760	ug/m3	<0.983 U	485	489	600	988	595
Total BTEX	BTEX	NS	ug/m3	ND	737.93	1111.19	1186.02	1128.27	945.41
Total CVOCs	CVOCs	NS	ug/m3		2.23	2.91	8.68	3.57	2.8

Table 5
Phase II Environmental Site Investigation Report
Soil Vapor Sample Analytical Results - USEPA VISL

Sands New York
101 James Doolittle Boulevard
Uniondale, New York
Langan Project No.: 170754501

Notes:

AA - Ambient Air
SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
RL - Reporting limit
<RL - Not detected

Soil vapor sample analytical results are compared to USEPA Vapor Intrusion Screening Level (VISL) Commercial criteria calculated using a Target Cancer Risk (TCR) of 1×10^{-6} and a Target Hazard Quotient (THQ) of 1 (May 2021).

Ambient air sample analytical results are shown for reference only.

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds USEPA VISL - Commercial