



Appendix 3.1-4a

Nassau Coliseum Phase II ESI Tables

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

**Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501**

1255 Hempstead Turnpike, Uniondale, NY										
SOIL	Soil Samples									
	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
	SB11	1	Native	Grab	22-24	SB11_22-24	7/20/2023	12:15	Native	NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals (including Hexavalent & Trivalent Chromium).
	SB12	2	Native	Grab	12-14	SB12_12-14	7/20/2023	15:40	Native	
	SB13	3	Re-worked Strata	Grab	2-4	SB13_2-4	7/21/2023	15:00	Re-worked Strata	
	SB14	4	Native	Grab	18-20	SB14_18-20	7/20/2023	16:00	Native	
	SB15	5	Re-worked Strata	Grab	0-2	SB15_0-2	7/19/2023	10:15	Re-worked Strata	
	SB16	6	Native	Grab	13-15	SB16_13-15	7/19/2023	14:45	Native	
	SB17	7	Re-worked Strata	Grab	2-4	SB17_2-4	7/19/2023	11:30	Re-worked Strata	
	SB18	8	Native	Grab	22-24	SB18_22-24	7/20/2023	10:30	Native	
	SB19	9	Native	Grab	5-7	SB19_5-7	7/21/2023	12:30	Native	
SB20	10	Native	Grab	30-32	SB20_30-32	7/19/2023	14:00	Native		
SB21	11	Observed Staining in Elevator Shaft	Grab	5-7	SB21_5-7	7/21/2023	9:43	Down gradient from elevator shaft		
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
SB18	12	SB18_22-24	22-24	Duplicate	22-24	SODUP03_072023	7/20/2023	N/A		NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL Metals (including Hexavalent & Trivalent Chromium).
Field Blank	N/A	N/A	N/A	Field Blank	N/A	SOFB02_071923	7/19/2023	13:15		
Trip Blank	N/A	N/A	N/A	Trip Blank	N/A	TB03_071923	7/20/2023	N/A		VOCs
Trip Blank	N/A	N/A	N/A	Trip Blank	N/A	TB04_072123	7/21/2023	N/A		
GROUNDWATER	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
	TMW11	1	Y	31.5	40	TMW11_072123	7/21/2023	13:00	Purged and sampled via bailer	NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL total and dissolved Metals (including Hexavalent & Trivalent Chromium).
	TMW16	2	Y	26.3	40	TMW16_072023	7/20/2023	8:55		
	TMW14	3	Y	29.33	40	TMW14_072123	7/21/2023	11:00	Purged and sampled via bailer	
	TMW18	4	Y	28.97	40	TMW18_072023	7/20/2023	12:00		
	Groundwater QA/QC Samples									
Boring ID	Sample Number	Parent Sample ID	Type		Sample Name	Sample Date	Sample Time	Notes	Sample Analysis	
SB16	5	TMW16_072023	Duplicate		GWDUP02_072023	7/20/2023	N/A		NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Part 375/TAL total and dissolved Metals (including Hexavalent & Trivalent Chromium).	
Field Blank	N/A	N/A	Field Blank		GWFB02_072123	7/21/2023	13:30			

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

**Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501**

SOIL VAPOR	Soil Vapor Samples										
	Broing ID	Sample Number	Completed Soil Vapor Log?	Sample Depth (feet bgs)	Type	Sample Interval	Sample Name	Sample Date	Sample Time	Notes	Sample Analysis
	SV11	1	Y	5 feet deep	Grab	N/A	SV11_072023	7/20/2023	15:05		VOCs
	SV12	2	Y		Grab	N/A	SV12_072023	7/20/2023	15:31		
	SV15	3	Y		Grab	N/A	SV15_072023	7/20/2023	15:25		
	SV17	4	Y		Grab	N/A	SV17_072023	7/20/2023	16:40		
	SV18	5	Y		Grab	N/A	SV18_072023	7/20/2023	15:11		
	AA02	N/A	Y	3-5 feet above grade	Grab	N/A	AA02_072023	7/20/2023	15:12		

Notes:

1. NYSDEC = New York State Department of Environmental Conservation
2. TCL = Target Compound List
3. VOC = Volatile Organic Compound
4. SVOC = Semi-volatile Organic Compound
5. PCB = Polychlorinated Biphenyl
6. TAL = Target Analyte List
7. N/A = Not Applicable
8. bgs = Below Grade Surface
9. QA/QC = Quality Assurance/Quality Control
10. Y = Yes

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

**Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501**

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location												
				Sample Name	SB11	SB12	SB13	SB14	SB15	SB16	SB17	SB18	SB18	SB19	SB20	SB21
				Sample Date	SB11_22-24	SB12_12-14	SB13_2-4	SB14_18-20	SB15_0-2	SB16_13-15	SB17_2-4	SB18_22-24	SODUP03_072023	SB19_5-7	SB20_30-32	SB21_5-7
				Sample Depth	22-24	12-14	2-4	18-20	0-2	13-15	2-4	22-24	22-24	5-7	30-32	5-7
Unit	Result	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	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
1,1,1-Trichloroethane	71-55-6	0.68	100	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
1,1,2-Trichloroethane	79-00-5	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,1-Dichloroethane	75-35-4	0.33	100	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,1-Dichloropropene	563-58-6	NS	NS	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2,3-Trichloropropane	96-18-4	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	mg/kg	<0.0026 U	<0.0029 U	<0.0034 U	<0.0028 U	<0.0033 U	<0.0034 U	<0.0031 U	<0.0028 U	<0.0032 U	<0.0023 U	<0.0021 U	<0.0025 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,2-Dichloroethane	107-06-2	0.02	3.1	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,2-Dichloropropane	78-87-5	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,3-Dichloropropane	142-28-9	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,4-Diethyl Benzene	105-05-5	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	<0.07 U	<0.078 U	<0.091 U	<0.074 U	<0.088 U	<0.092 U	<0.082 U	<0.076 U	<0.085 U	<0.062 U	<0.056 U	<0.068 U
2,2-Dichloropropane	594-20-7	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
2-Chlorotoluene	95-49-8	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
2-Hexanone (MBK)	591-78-6	NS	NS	mg/kg	<0.0088 U	<0.0097 U	<0.011 U	<0.0092 U	<0.011 U	<0.012 U	<0.01 U	<0.0095 U	<0.011 U	<0.0078 U	<0.007 U	<0.0085 U
4-Chlorotoluene	106-43-4	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
4-Ethyltoluene	622-96-8	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Acetone	67-64-1	0.05	100	mg/kg	<0.0088 U	<0.0097 U	0.19	<0.0092 U	<0.011 U	<0.012 U	0.0063 J	<0.0095 U	<0.011 U	0.017	<0.007 U	0.017
Acrylonitrile	107-13-1	NS	NS	mg/kg	<0.0035 U	<0.0039 U	<0.0046 U	<0.0037 U	<0.0044 U	<0.0046 U	<0.0041 U	<0.0038 U	<0.0042 U	<0.0031 U	<0.0028 U	<0.0034 U
Benzene	71-43-2	0.06	4.8	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	0.00014 J	<0.00035 U	<0.00042 U
Bromobenzene	108-86-1	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Bromochloromethane	74-97-5	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Bromodichloromethane	75-27-4	NS	NS	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
Bromoform	75-25-2	NS	NS	mg/kg	<0.0035 U	<0.0039 U	<0.0046 U	<0.0037 U	<0.0044 U	<0.0046 U	<0.0041 U	<0.0038 U	<0.0042 U	<0.0031 U	<0.0028 U	<0.0034 U
Bromomethane	74-83-9	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Carbon Disulfide	75-15-0	NS	NS	mg/kg	<0.0088 U	<0.0097 U	<0.011 U	<0.0092 U	<0.011 U	<0.012 U	<0.01 U	<0.0095 U	<0.011 U	<0.0078 U	<0.007 U	<0.0085 U
Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
Chlorobenzene	108-90-7	1.1	100	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
Chloroethane	75-00-3	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Chloroform	67-66-3	0.37	49	mg/kg	<0.0013 U	<0.0014 U	<0.0017 U	<0.0014 U	<0.0016 U	<0.0017 U	<0.0015 U	<0.0014 U	<0.0016 U	<0.0012 U	<0.001 U	<0.0013 U
Chloromethane	74-87-3	NS	NS	mg/kg	<0.0035 U	<0.0039 U	<0.0046 U	<0.0037 U	<0.0044 U	<0.0046 U	<0.0041 U	<0.0038 U	<0.0042 U	<0.0031 U	<0.0028 U	<0.0034 U
Cis-1,2-Dichloroethane	156-59-2	0.25	100	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	mg/kg	<0.00044 U	<0.00049 U	<0.00057 U	<0.00046 U	<0.00055 U	<0.00058 U	<0.00051 U	<0.00047 U	<0.00053 U	<0.00039 U	<0.00035 U	<0.00042 U
Cymene	99-87-6	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
Dibromochloromethane	124-48-1	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
Dibromomethane	74-95-3	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Dichlorodifluoromethane	75-71-8	NS	NS	mg/kg	<0.0088 U	<0.0097 U	<0.011 U	<0.0092 U	<0.011 U	<0.012 U	<0.01 U	<0.0095 U	<0.011 U	<0.0078 U	<0.007 U	<0.0085 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0023 U	<0.0018 U	<0.0022 U	<0.0023 U	<0.002 U	<0.0019 U	<0.0021 U	<0.0016 U	<0.0014 U	<0.0017 U
Ethylbenzene	100-41-4	1	41	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
Hexachlorobutadiene	87-68-3	NS	NS	mg/kg	<0.0035 U	<0.0039 U	<0.0046 U	<0.0037 U	<0.0044 U	<0.0046 U	<0.0041 U	<0.0038 U	<0.0042 U	<0.0031 U	<0.0028 U	<0.0034 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	mg/kg	<0.00088 U	<0.00097 U	<0.0011 U	<0.00092 U	<0.0011 U	<0.0012 U	<0.001 U	<0.00095 U	<0.0011 U	<0.00078 U	<0.0007 U	<0.00085 U
M,P-Xylene	179601-23-1	NS	NS	mg/kg	<0.											

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

**Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501**

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location Sample Name	SB11	SB12	SB13	SB14	SB15	SB16	SB17	SB18	SB18	SB19	SB20	SB21			
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
					Sample Depth Unit	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result	Sample Depth Result
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	<0.026 U	<0.026 U	<0.028 U	<0.027 U	<0.029 U	<0.026 U	<0.027 U	<0.027 U	<0.027 U	<0.026 U	<0.025 U	<0.027 U			
2,4,5-Trichlorophenol	95-95-4	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2,4,6-Trichlorophenol	88-06-2	NS	NS	mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U			
2,4-Dichlorophenol	120-83-2	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.17 U	<0.16 U	<0.18 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.15 U	<0.16 U			
2,4-Dimethylphenol	105-67-9	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2,4-Dinitrophenol	51-28-5	NS	NS	mg/kg	<0.85 U	<0.82 U	<0.85 U	<0.86 U	<0.94 U	<0.83 U	<0.85 U	<0.85 U	<0.85 U	<0.83 U	<0.85 U	<0.87 U			
2,4-Dinitrotoluene	121-14-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2,6-Dinitrotoluene	606-20-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2-Chloronaphthalene	91-58-7	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2-Chlorophenol	95-57-8	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2-Methylnaphthalene	91-57-6	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.22 U	<0.21 U	<0.23 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.2 U	<0.22 U			
2-Methylphenol (o-Cresol)	95-48-7	0.33	100	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2-Nitroaniline	88-74-4	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
2-Nitrophenol	88-75-5	NS	NS	mg/kg	<0.38 U	<0.37 U	<0.4 U	<0.39 U	<0.42 U	<0.37 U	<0.38 U	<0.38 U	<0.38 U	<0.37 U	<0.38 U	<0.39 U			
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	100	mg/kg	<0.25 U	<0.24 U	<0.27 U	<0.26 U	<0.28 U	<0.25 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U	<0.24 U	<0.26 U			
3,3'-Dichlorobenzidine	91-94-1	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
3-Nitroaniline	99-09-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	mg/kg	<0.46 U	<0.44 U	<0.48 U	<0.46 U	<0.51 U	<0.45 U	<0.46 U	<0.46 U	<0.46 U	<0.45 U	<0.44 U	<0.47 U			
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4-Chloro-3-Methylphenol	59-50-7	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4-Chloroaniline	106-47-8	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4-Nitroaniline	100-01-6	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
4-Nitrophenol	100-02-7	NS	NS	mg/kg	<0.25 U	<0.24 U	<0.26 U	<0.25 U	<0.27 U	<0.24 U	<0.25 U	<0.25 U	<0.25 U	<0.24 U	<0.24 U	<0.25 U			
Acenaphthene	83-32-9	20	100	mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U			
Acenaphthylene	208-96-8	100	100	mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U			
Acetophenone	98-96-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Anthracene	120-12-7	100	100	mg/kg	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Benzo(a)anthracene	56-55-3	1	1	mg/kg	<0.11 U	<0.1 U	0.03 J	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Benzo(a)pyrene	50-32-8	1	1	mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U			
Benzo(b)fluoranthene	205-99-2	1	1	mg/kg	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Benzo(g,h,i)Perylene	191-24-2	100	100	mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U			
Benzo(k)fluoranthene	207-08-9	0.8	3.9	mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Benzoic Acid	65-85-0	NS	NS	mg/kg	<0.57 U	<0.55 U	<0.6 U	<0.58 U	<0.63 U	<0.56 U	<0.58 U	<0.58 U	<0.58 U	<0.56 U	<0.54 U	<0.59 U			
Benzyl Alcohol	100-51-6	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Benzyl Butyl Phthalate	85-68-7	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Biphenyl (Diphenyl)	92-52-4	NS	NS	mg/kg	<0.4 U	<0.39 U	<0.42 U	<0.41 U	<0.44 U	<0.39 U	<0.4 U	<0.4 U	<0.4 U	<0.39 U	<0.38 U	<0.41 U			
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	mg/kg	<0.19 U	<0.18 U	<0.2 U	<0.19 U	<0.21 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U	<0.2 U			
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	mg/kg	<0.16 U	<0.15 U	<0.17 U	<0.16 U	<0.18 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.15 U	<0.16 U			
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	mg/kg	<0.21 U	<0.2 U	<0.22 U	<0.21 U	<0.23 U	<0.21 U	<0.21 U	<0.21 U	<0.21 U	<0.2 U	<0.2 U	<0.22 U			
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Carbazole	86-74-8	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Chrysene	218-01-9	1	3.9	mg/kg	<0.11 U	<0.1 U	0.025 J	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	mg/kg	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.12 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U			
Dibenzofuran	132-64-9	7	59	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Dibutyl phthalate	84-74-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Diethyl phthalate	84-66-2	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Dimethyl phthalate	131-11-3	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Diocetyl phthalate	117-84-0	NS	NS	mg/kg	<0.18 U	<0.17 U	<0.19 U	<0.18 U	<0.2 U	<0.17 U	<0.18 U	<0.18 U	<0.18 U	<0.17 U	<0.17 U	<0.18 U			
Fluoranthene	206-44-0	100																	

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location													
				Sample Name	SB11_22-24	SB12_12-14	SB13_2-4	SB14_18-20	SB15_0-2	SB16_13-15	SB17_2-4	SB18_22-24	SODUP03_072023	SB19_5-7	SB20_30-32	SB21_5-7	
				Sample Date	07/20/2023	07/20/2023	07/21/2023	07/20/2023	07/19/2023	07/19/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/19/2023	07/19/2023	07/21/2023
				Sample Depth	22-24	12-14	2-4	18-20	0-2	13-15	2-4	22-24	22-24	5-7	30-32	5-7	
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Pesticides																	
4,4'-DDD	72-54-8	0.0033	13	mg/kg	<0.00162 U	<0.00161 U	0.00476	0.00158 J	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
4,4'-DDE	72-55-9	0.0033	8.9	mg/kg	<0.00162 U	<0.00161 U	0.00206	0.000645 J	0.000809 J	<0.00162 U	0.00128 J	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
4,4'-DDT	50-29-3	0.0033	7.9	mg/kg	<0.00162 U	<0.00161 U	0.00278	<0.00166 U	<0.00161 U	<0.00162 U	0.00191 P	<0.00166 U	<0.00167 U	<0.0016 U	<0.0016 U	0.00152 J	
Aldrin	309-00-2	0.005	0.097	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	mg/kg	<0.000677 U	<0.00067 U	<0.000736 U	<0.000692 U	<0.000776 U	<0.000675 U	<0.000702 U	<0.000722 U	<0.000695 U	<0.000666 U	<0.000665 U	<0.000703 U	
Alpha Chlordane	5103-71-9	0.094	4.2	mg/kg	<0.00203 U	<0.00201 U	<0.00221 U	<0.00208 U	<0.00233 U	<0.00202 U	<0.00211 U	<0.00217 U	<0.00208 U	<0.002 U	<0.00199 U	0.00099 JIP	
Alpha Endosulfan	959-98-8	2.4	24	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Beta Endosulfan	33213-65-9	2.4	24	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Chlordane (alpha and gamma)	57-74-9	NS	NS	mg/kg	<0.0135 U	<0.0134 U	<0.0147 U	<0.0138 U	<0.0155 U	<0.0135 U	<0.014 U	<0.0144 U	<0.0139 U	<0.0133 U	<0.0133 U	<0.0141 U	
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Dieldrin	60-57-1	0.005	0.2	mg/kg	<0.00102 U	<0.001 U	<0.0011 U	<0.00104 U	<0.00116 U	<0.00101 U	<0.00105 U	<0.00108 U	<0.00104 U	<0.001 U	<0.000997 U	<0.00105 U	
Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	<0.000677 U	<0.00067 U	<0.000736 U	<0.000692 U	<0.000776 U	<0.000675 U	<0.000702 U	<0.000722 U	<0.000695 U	<0.000666 U	<0.000665 U	<0.000703 U	
Endrin	72-20-8	0.014	11	mg/kg	<0.000677 U	<0.00067 U	<0.000736 U	<0.000692 U	<0.000776 U	<0.000675 U	<0.000702 U	<0.000722 U	<0.000695 U	<0.000666 U	<0.000665 U	<0.000703 U	
Endrin Aldehyde	7421-93-4	NS	NS	mg/kg	<0.00203 U	<0.00201 U	<0.00221 U	<0.00208 U	<0.00233 U	<0.00202 U	<0.00211 U	<0.00217 U	<0.00208 U	<0.002 U	<0.00199 U	<0.00211 U	
Endrin Ketone	53494-70-5	NS	NS	mg/kg	<0.00162 U	<0.00161 U	<0.00177 U	<0.00166 U	<0.00186 U	<0.00162 U	<0.00168 U	<0.00173 U	<0.00167 U	<0.0016 U	<0.0016 U	<0.00169 U	
Gamma Bhc (Lindane)	58-89-9	0.1	1.3	mg/kg	<0.000677 U	<0.00067 U	<0.000736 U	<0.000692 U	<0.000776 U	<0.000675 U	<0.000702 U	<0.000722 U	<0.000695 U	<0.000666 U	<0.000665 U	<0.000703 U	
Gamma Chlordane (Trans)	5103-74-2	NS	NS	mg/kg	<0.00203 U	<0.00201 U	0.00149 J	<0.00208 U	<0.00233 U	<0.00202 U	<0.00211 U	<0.00217 U	<0.00208 U	<0.002 U	<0.00199 U	0.00104 J	
Heptachlor	76-44-8	0.042	2.1	mg/kg	<0.000813 U	<0.000804 U	<0.000883 U	<0.000831 U	<0.000931 U	<0.00081 U	<0.000842 U	<0.000867 U	<0.000834 U	<0.0008 U	<0.000798 U	<0.000844 U	
Heptachlor Epoxide	1024-57-3	NS	NS	mg/kg	<0.00305 U	<0.00301 U	<0.00331 U	<0.00312 U	<0.00349 U	<0.00304 U	<0.00316 U	<0.00325 U	<0.00313 U	<0.003 U	<0.00299 U	<0.00316 U	
Methoxychlor	72-43-5	NS	NS	mg/kg	<0.00305 U	<0.00301 U	<0.00331 U	<0.00312 U	<0.00349 U	<0.00304 U	<0.00316 U	<0.00325 U	<0.00313 U	<0.003 U	<0.00299 U	<0.00316 U	
Toxaphene	8001-35-2	NS	NS	mg/kg	<0.0305 U	<0.0301 U	<0.0331 U	<0.0312 U	<0.0349 U	<0.0304 U	<0.0316 U	<0.0325 U	<0.0313 U	<0.03 U	<0.0299 U	<0.0316 U	
Polychlorinated Biphenyl																	
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	0.00925 J	
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	<0.0511 U	
Total PCBs	1336-36-3	0.1	1	mg/kg	<0.0494 U	<0.0485 U	<0.0556 U	<0.0526 U	<0.0569 U	<0.0486 U	<0.05 U	<0.0514 U	<0.0538 U	<0.0488 U	<0.0479 U	0.00925 J	
Metals																	
Aluminum	7429-90-5	NS	NS	mg/kg	1,010	1,170	12,200	907	9,710	1,390	8,090	3,070	1,620	3,000	771	1,890	
Antimony	7440-36-0	NS	NS	mg/kg	<4.06 U	<3.95 U	<4.47 U	<4.16 U	0.652 J	<4.12 U	0.683 J	<4.17 U	<4.14 U	<4.01 U	<3.98 U	<4.27 U	
Arsenic	7440-38-2	13	16	mg/kg	0.697 J	0.65 J	4.83	0.718 J	5.7	0.75 J	3.5	1.42	1.93	2.07	0.52 J	1.28	
Barium	7440-39-3	350	400	mg/kg	5.51	7.24	30	3.91	32.7	5.31	27.2	6.4	5.62	11.5	1.83	7.8	
Beryllium	7440-41-7	7.2	72	mg/kg	0.2 J	0.214 J	0.397 J	0.181 J	0.239 J	0.086 J	0.188 J	0.242 J	0.243 J	0.124 J	0.048 J	0.111 J	
Cadmium	7440-43-9	2.5	4.3	mg/kg	<0.813 U	<0.79 U	<0.894 U	<0.833 U	0.144 J	<0.824 U	0.203 J	<0.834 U	0.132 J	<0.802 U	<0.797 U	<0.853 U	
Calcium	7440-70-2	NS	NS	mg/kg	1,300	106	1,050	158	882	234	854	33	60.5	13,800	32.9	5,590	
Chromium, Hexavalent	18540-29-9	1	110	mg/kg	0.193 J	0.229 J	<0.911 U	<0.875 U	0.204 J	0.178 J	<0.873 U	0.295 J	0.196 J	0.343 J	0.173 J	0.244 J	
Chromium, Total	7440-47-3	NS	110	mg/kg	5.07	3.77	16.2	3.86	9.88	2.55	8.95	4.2	12.6	12.2	1.54	9.94	
Chromium, Trivalent	16065-83-1	30	180	mg/kg	4.88 J	3.54 J	16.2	3.86	9.68 J	2.37 J	8.95	3.9 J	12.4 J	11.8 J	1.37 J	9.7 J	
Cobalt	7440-48-4	NS	NS	mg/kg	1.39 J	1.02 J	5.35	0.595 J	2.2	0.833 J	2.7	0.983 J	0.872 J	2.04	0.217 J	10.4	
Copper	7440-50-8	50	270	mg/kg	2.88	2.4	14.2	3.93	9.37	2.99	7.02	2.52	4.98	4.98	0.745 J	22.2	
Cyanide	57-12-5	27	27	mg/kg	<1.1 U	<1 U	<1.1 U	<1 U	<1.2 U	<0.97 U	<1 U	<1.1 U	<1 U	<0.96 U	<0.97 U	<1.1 U	
Iron	7439-89-6	NS	NS	mg/kg	4,010	4,140	15,900	3,180	13,400	2,740	11,200	4,890	7,520	5,640	1,330	8,240	
Lead	7439-92-1	63	400	mg/kg	1.13 J	1.29 J	14.4	1.39 J	18.8	1.29 J	22.4	1.44 J	1.81 J	3.02 J	0.548 J	44	
Magnesium	7439-95-4	NS	NS	mg/kg	1,090	359	1,910	268	995	373	1,090	184	261	9,000	87.3	352	
Manganese	7439-96-5	1600	2000	mg/kg	170	53.8	178	16	283	25.3	114	49.5	35.1	103	13.4	64.8	
Mercury	7439-97-6	0.18	0.81	mg/kg	<0.076 U	<0.072 U	0.079 J	<0.077 U	0.125	<0.078 U	<0.075 U	<0.079 U	<0.069 U	<0.071 U	<0.069 U	<0.071 U	
Nickel	7440-02-0	30	31														

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

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:

I - The lower value for the two columns has been reported due to obvious interference.

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.

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 Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

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

Sands New York
 1255 Hempstead Turnpike
 Uniondale, New York
 Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW11	TMW14	TMW16	TMW16	TMW18
			Sample Name	TMW11_072123	TMW14_072123	TMW16_072023	GW DUP02_072023	TMW18_072023
			Sample Date	07/21/2023	07/21/2023	07/20/2023	07/20/2023	07/20/2023
			Unit	Result	Result	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	<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	<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	<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	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<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	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<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	<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	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<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	<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	<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	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<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	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<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	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<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	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	50	ug/l	<5 U	1.7 J	2 J	2 J	3.4 J
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<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	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<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	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<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	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	1.9 J
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<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	<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	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<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	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<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	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<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	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<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	<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	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<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	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<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	<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	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<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	<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	<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	<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	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<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	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW11	TMW14	TMW16	TMW16	TMW18
			Sample Name	TMW11_072123	TMW14_072123	TMW16_072023	GWDUP02_072023	TMW18_072023
			Sample Date	07/21/2023	07/21/2023	07/20/2023	07/20/2023	07/20/2023
			Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	0.21	0.15	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	<0.1 U	<0.1 U	0.05 J	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	0.04 J	0.06 J	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U	<0.1 U	0.02 J	0.02 J	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.1 U	<0.1 U	0.08 J	0.06 J	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	0.01 J	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<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	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<3 U	<3 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Chrysene	218-01-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<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	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	<0.1 U	0.07 J	0.04 J	<0.1 U
Fluorene	86-73-7	50	ug/l	<0.1 U	<0.1 U	0.06 J	0.03 J	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	0.01 J	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.05 J	0.09 J	1.9	1.4	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	0.1 J	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	<0.1 U	<0.1 U	0.1 J	0.06 J	<0.1 U
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	<0.1 U	0.11	<0.1 U	<0.1 U

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDEC SGVs	Location	TMW11	TMW14	TMW16	TMW16	TMW18
			Sample Name	TMW11_072123	TMW14_072123	TMW16_072023	GWDUP02_072023	TMW18_072023
			Sample Date	07/21/2023	07/21/2023	07/20/2023	07/20/2023	07/20/2023
			Unit	Result	Result	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	0.3	ug/l	<0.029 U	<0.029 U	<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	<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	<0.029 U	<0.029 U
Aldrin	309-00-2	0	ug/l	<0.014 U	<0.014 U	<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	<0.014 U	<0.014 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.014 U	<0.014 U	<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	<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	<0.014 U	<0.014 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.029 U	<0.029 U	<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	<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	<0.014 U	<0.014 U
Dieldrin	60-57-1	0.004	ug/l	<0.029 U	<0.029 U	<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	<0.029 U	<0.029 U
Endrin	72-20-8	0	ug/l	<0.029 U	<0.029 U	<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	<0.029 U	<0.029 U
Endrin Ketone	53494-70-5	5	ug/l	<0.029 U	<0.029 U	<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	<0.014 U	<0.014 U
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.014 U	<0.014 U	<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	<0.014 U	<0.014 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.014 U	<0.014 U	<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	<0.143 U	<0.143 U
Toxaphene	8001-35-2	0.06	ug/l	<0.143 U	<0.143 U	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.071 U	<0.071 U
Total PCBs	1336-36-3	0.09	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U	<0.071 U
Metals - Dissolved								
Aluminum	7429-90-5	NS	ug/l	254	22	5.64 J	3.6 J	4.69 J
Antimony	7440-36-0	3	ug/l	<4 U	0.5 J	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	0.42 J	0.57	<0.5 U	<0.5 U	0.17 J
Barium	7440-39-3	1000	ug/l	80.88	94.05	92.94	90.37	172.6
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	0.06 J	0.06 J	0.07 J	0.06 J	<0.2 U
Calcium	7440-70-2	NS	ug/l	26,700	31,500	33,700	33,100	30,200
Chromium, Total	7440-47-3	50	ug/l	0.89 J	0.42 J	0.2 J	0.18 J	0.22 J
Cobalt	7440-48-4	NS	ug/l	2.62	6.48	3.88	3.59	8.77
Copper	7440-50-8	200	ug/l	1.99	2.68	1.22	1.63	1.38
Iron	7439-89-6	300	ug/l	425	6,920	1,230	1,140	2,270
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	8,600	8,400	9,840	10,200	6,560
Manganese	7439-96-5	300	ug/l	1,615	451.8	410	426.2	718.8
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	5.9	24.06	10.41	9.24	8.79
Potassium	7440-09-7	NS	ug/l	2,860	3,350	3,510	3,560	3,070
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	106,000	103,000	606,000	543,000	232,000
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	8.37 J	5.46 J	4.68 J	4.95 J	<10 U
Metals - Total								
Aluminum	7429-90-5	NS	ug/l	140,000	67,000	186	153	188
Antimony	7440-36-0	3	ug/l	<4 U	0.81 J	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	15.42	16.74	0.18 J	0.2 J	0.28 J
Barium	7440-39-3	1000	ug/l	377.5	375.5	84.45	85.32	168.7
Beryllium	7440-41-7	3	ug/l	2.41	1.37	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	0.39	0.43	0.07 J	0.06 J	0.07 J
Calcium	7440-70-2	NS	ug/l	7,140	25,800	29,700	32,100	26,900
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	3 J	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	210.4	290.1	0.66 J	0.56 J	1.1
Chromium, Trivalent	16065-83-1	NS	ug/l	210	290	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	25.98	18.5	3.26	3.08	8.04
Copper	7440-50-8	200	ug/l	69.32	141	1.39	1.31	1.72
Cyanide	57-12-5	200	ug/l	<5 U	1 J	<5 U	<5 U	5
Iron	7439-89-6	300	ug/l	123,000	68,000	1,180	1,120	2,240
Lead	7439-92-1	25	ug/l	97.76	39.56	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	14,800	10,600	8,710	9,440	6,010
Manganese	7439-96-5	300	ug/l	2,291	1,125	386.1	401.7	652.4
Mercury	7439-97-6	0.7	ug/l	0.68	0.53	0.12 J	0.19 J	0.14 J
Nickel	7440-02-0	100	ug/l	98.32	96.04	7.58	7.56	8.37
Potassium	7440-09-7	NS	ug/l	9,070	5,910	3,100	3,280	2,670
Selenium	7782-49-2	10	ug/l	53.7	30	<5 U	<5 U	<5 U
Silver	7440-22-4	50	ug/l	0.35 J	8.55	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	51,100	79,900	434,000	426,000	198,000
Thallium	7440-28-0	0.5	ug/l	2.18	0.65 J	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	112.2	46.06	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	140.6	101.8	5.03 J	4.89 J	<10 U

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (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.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	AA02	SV11	SV12	SV15	SV17	SV18
			Sample Name	AA02_072023	SV11_072023	SV12_072023	SV15_072023	SV17_072023	SV18_072023
			Sample Date	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
			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	<0.546 U	<1.09 U	<1.09 U	<1.09 U	<1.17 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<6.87 U	<1.37 U	<1.37 U	<1.37 U	<1.48 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<7.66 U	<1.53 U	<1.53 U	<1.53 U	<1.65 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<5.46 U	<1.09 U	<1.09 U	<1.09 U	<1.17 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<4.05 U	<0.809 U	<0.809 U	<0.809 U	<0.87 U
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.793 U	<0.396 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<7.42 U	<1.48 U	<1.48 U	<1.48 U	<1.6 U
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	32.2	57.5	40.7	57	88
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<7.69 U	<1.54 U	<1.54 U	<1.54 U	<1.65 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<6.01 U	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<4.05 U	<0.809 U	<0.809 U	<0.809 U	<0.87 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<4.62 U	<0.924 U	<0.924 U	<0.924 U	<0.994 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<6.99 U	<1.4 U	<1.4 U	<1.4 U	<1.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	7.77	15.3	9.64	14.5	21.8
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	9.51	14.1	<0.442 U	<0.442 U	4.45
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	56.6	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<6.01 U	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<3.6 U	<0.721 U	<0.721 U	<0.721 U	<0.775 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	7.1	3.72	1.17	2.84	2.56
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	6.31	13.7	12.6	9.34	15.5
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	8.11	13	8.6	16.3	21.7
Acetone	67-64-1	NS	ug/m3	10.7	2,540	1,020	858	1,120	948
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<3.13 U	<0.626 U	<0.626 U	<0.626 U	<0.673 U
Benzene	71-43-2	NS	ug/m3	<0.639 U	6.77	12.2	1.16	4.89	6.1
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<5.18 U	<1.04 U	<1.04 U	<1.04 U	<1.11 U
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<6.7 U	<1.34 U	<1.34 U	<1.34 U	<1.44 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<4.37 U	<0.874 U	<0.874 U	<0.874 U	<0.94 U
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<10.3 U	<2.07 U	<2.07 U	<2.07 U	<2.22 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<3.88 U	<0.777 U	<0.777 U	<0.777 U	<0.835 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	<3.11 U	3.77	<0.623 U	1.06	5.11
Carbon Tetrachloride	56-23-5	6	ug/m3	<1.26 U	<0.629 U	<1.26 U	<1.26 U	<1.26 U	<1.35 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<4.61 U	<0.921 U	<0.921 U	<0.921 U	<0.99 U
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<2.64 U	<0.528 U	<0.528 U	<0.528 U	<0.567 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<4.88 U	<0.977 U	<0.977 U	<0.977 U	<1.05 U
Chloromethane	74-87-3	NS	ug/m3	0.995	11.9	0.43	<0.413 U	<0.413 U	<0.444 U
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.793 U	<0.396 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<4.54 U	<0.908 U	<0.908 U	<0.908 U	<0.976 U
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	5.82	5.23	1.83	4.61	3.89
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<8.52 U	<1.7 U	<1.7 U	<1.7 U	<1.83 U
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.27	<4.94 U	3.01	2.93	3.65	2.22
Ethanol	64-17-5	NS	ug/m3	<9.42 U	4,500	11.8	11.3	12.2	10.3
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	9.37	<1.8 U	<1.8 U	<1.8 U	<1.94 U
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	30.5	40.3	15.2	34.3	39
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<10.7 U	<2.13 U	<2.13 U	<2.13 U	<2.29 U
Isopropanol	67-63-0	NS	ug/m3	<1.23 U	300	4.38	4.97	4.4	4.15
M,P-Xylene	179601-23-1	NS	ug/m3	<1.74 U	119	150	66	136	157
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	109	43.1	43.6	33.6	51.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	<10.2 U	<2.05 U	<2.05 U	<2.05 U	<2.2 U
Methylene Chloride	75-09-2	100	ug/m3	<1.74 U	<8.69 U	20.7	<1.74 U	2.23	2.6
n-Heptane	142-82-5	NS	ug/m3	<0.82 U	11.4	21.9	5.61	13.9	14.5
n-Hexane	110-54-3	NS	ug/m3	<0.705 U	12.4	20.4	2.35	7.89	9.59
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	<0.869 U	43.4	62.1	28	54.7	67.3
Styrene	100-42-5	NS	ug/m3	<0.852 U	4.85	2.16	1.11	2.14	2.27
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	68.8	6.09	3.46	5.67	4.85
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<3.61 U	<0.721 U	<0.721 U	<0.721 U	<0.775 U
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	<1.36 U	1.63	6.36	7.8	5.47	7.46
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	13.6	<1.47 U	<1.47 U	3.54	<1.59 U
Toluene	108-88-3	NS	ug/m3	<0.754 U	128	112	29.6	91.6	87.4
Total Xylenes	1330-20-7	NS	ug/m3	<0.869 U	163	213	94.3	190	225
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<3.96 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<4.54 U	<0.908 U	<0.908 U	<0.908 U	<0.976 U
Trichloroethene (TCE)	79-01-6	6	ug/m3	<1.07 U	<0.537 U	3.06	<1.07 U	<1.07 U	<1.16 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17	8.09	8.37	1.81	2.11	3.1
Vinyl Chloride	75-01-4	6	ug/m3	<0.511 U	0.524	<0.511 U	<0.511 U	<0.511 U	<0.55 U
Total BTEX	BTEX	NS	ug/m3	ND	327.67	376.6	139.96	321.49	356.8
Total CVOCS	TOTAL CVOCS	NS	ug/m3	ND	2.154	30.12	7.8	7.7	10.06

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

Sands New York
1255 Hempstead Turnpike
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

NA - Not analyzed

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

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Analyte	CAS Number	USEPA VISL for Indoor Air - Commercial/Industrial	Location	AA02	SV11	SV12	SV15	SV17	SV18
			Sample Name	AA02_072023	SV11_072023	SV12_072023	SV15_072023	SV17_072023	SV18_072023
			Sample Date	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
			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	<0.546 U	<1.09 U	<1.09 U	<1.09 U	<1.17 U
1,1,1,2-Tetrachloroethane	79-34-5	7.05	ug/m3	<1.37 U	<6.87 U	<1.37 U	<1.37 U	<1.37 U	<1.48 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	730000	ug/m3	<1.53 U	<7.66 U	<1.53 U	<1.53 U	<1.53 U	<1.65 U
1,1,2-Trichloroethane	79-00-5	25.6	ug/m3	<1.09 U	<5.46 U	<1.09 U	<1.09 U	<1.09 U	<1.17 U
1,1-Dichloroethane	75-34-3	256	ug/m3	<0.809 U	<4.05 U	<0.809 U	<0.809 U	<0.809 U	<0.87 U
1,1-Dichloroethene	75-35-4	29200	ug/m3	<0.793 U	<0.396 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
1,2,4-Trichlorobenzene	120-82-1	292	ug/m3	<1.48 U	<7.42 U	<1.48 U	<1.48 U	<1.48 U	<1.6 U
1,2,4-Trimethylbenzene	95-63-6	8760	ug/m3	<0.983 U	32.2	57.5	40.7	57	88
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.68	ug/m3	<1.54 U	<7.69 U	<1.54 U	<1.54 U	<1.54 U	<1.65 U
1,2-Dichlorobenzene	95-50-1	29200	ug/m3	<1.2 U	<6.01 U	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,2-Dichloroethane	107-06-2	15.7	ug/m3	<0.809 U	<4.05 U	<0.809 U	<0.809 U	<0.809 U	<0.87 U
1,2-Dichloropropane	78-87-5	110	ug/m3	<0.924 U	<4.62 U	<0.924 U	<0.924 U	<0.924 U	<0.994 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<6.99 U	<1.4 U	<1.4 U	<1.4 U	<1.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8760	ug/m3	<0.983 U	7.77	15.3	9.64	14.5	21.8
1,3-Butadiene	106-99-0	13.6	ug/m3	<0.442 U	9.51	14.1	<0.442 U	<0.442 U	4.45
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	56.6	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,4-Dichlorobenzene	106-46-7	37.2	ug/m3	<1.2 U	<6.01 U	<1.2 U	<1.2 U	<1.2 U	<1.29 U
1,4-Dioxane (P-Dioxane)	123-91-1	81.8	ug/m3	<0.721 U	<3.6 U	<0.721 U	<0.721 U	<0.721 U	<0.775 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	7.1	3.72	1.17	2.84	2.56
2-Hexanone (MBK)	591-78-6	4380	ug/m3	<0.82 U	6.31	13.7	12.6	9.34	15.5
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	8.11	13	8.6	16.3	21.7
Acetone	67-64-1	NS	ug/m3	10.7	2,540	1,020	858	1,120	948
Allyl Chloride (3-Chloropropene)	107-05-1	68.1	ug/m3	<0.626 U	<3.13 U	<0.626 U	<0.626 U	<0.626 U	<0.673 U
Benzene	71-43-2	52.4	ug/m3	<0.639 U	6.77	12.2	1.16	4.89	6.1
Benzyl Chloride	100-44-7	8.34	ug/m3	<1.04 U	<5.18 U	<1.04 U	<1.04 U	<1.04 U	<1.11 U
Bromodichloromethane	75-27-4	11	ug/m3	<1.34 U	<6.7 U	<1.34 U	<1.34 U	<1.34 U	<1.44 U
Bromoethene	593-60-2	27.3	ug/m3	<0.874 U	<4.37 U	<0.874 U	<0.874 U	<0.874 U	<0.94 U
Bromoform	75-25-2	372	ug/m3	<2.07 U	<10.3 U	<2.07 U	<2.07 U	<2.07 U	<2.22 U
Bromomethane	74-83-9	730	ug/m3	<0.777 U	<3.88 U	<0.777 U	<0.777 U	<0.777 U	<0.835 U
Carbon Disulfide	75-15-0	102000	ug/m3	<0.623 U	<3.11 U	3.77	<0.623 U	1.06	5.11
Carbon Tetrachloride	56-23-5	68.1	ug/m3	<1.26 U	<0.629 U	<1.26 U	<1.26 U	<1.26 U	<1.35 U
Chlorobenzene	108-90-7	7300	ug/m3	<0.921 U	<4.61 U	<0.921 U	<0.921 U	<0.921 U	<0.99 U
Chloroethane	75-00-3	584000	ug/m3	<0.528 U	<2.64 U	<0.528 U	<0.528 U	<0.528 U	<0.567 U
Chloroform	67-66-3	17.8	ug/m3	<0.977 U	<4.88 U	<0.977 U	<0.977 U	<0.977 U	<1.05 U
Chloromethane	74-87-3	13100	ug/m3	0.995	11.9	0.43	<0.413 U	<0.413 U	<0.444 U
Cis-1,2-Dichloroethene	156-59-2	5840	ug/m3	<0.793 U	<0.396 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<4.54 U	<0.908 U	<0.908 U	<0.908 U	<0.976 U
Cyclohexane	110-82-7	876000	ug/m3	<0.688 U	5.82	5.23	1.83	4.61	3.89
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<8.52 U	<1.7 U	<1.7 U	<1.7 U	<1.83 U
Dichlorodifluoromethane	75-71-8	14600	ug/m3	2.27	<4.94 U	3.01	2.93	3.65	2.22
Ethanol	64-17-5	NS	ug/m3	<9.42 U	4,500	11.8	11.3	12.2	10.3
Ethyl Acetate	141-78-6	10200	ug/m3	<1.8 U	9.37	<1.8 U	<1.8 U	<1.8 U	<1.94 U
Ethylbenzene	100-41-4	164	ug/m3	<0.869 U	30.5	40.3	15.2	34.3	39
Hexachlorobutadiene	87-68-3	18.6	ug/m3	<2.13 U	<10.7 U	<2.13 U	<2.13 U	<2.13 U	<2.29 U
Isopropanol	67-63-0	29200	ug/m3	<1.23 U	300	4.38	4.97	4.4	4.15
M,P-Xylene	179601-23-1	NS	ug/m3	<1.74 U	119	150	66	136	157
Methyl Ethyl Ketone (2-Butanone)	78-93-3	730000	ug/m3	<1.47 U	109	43.1	43.6	33.6	51.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	438000	ug/m3	<2.05 U	<10.2 U	<2.05 U	<2.05 U	<2.05 U	<2.2 U
Methylene Chloride	75-09-2	40900	ug/m3	<1.74 U	<8.69 U	20.7	<1.74 U	2.23	2.6
n-Heptane	142-82-5	58400	ug/m3	<0.82 U	11.4	21.9	5.61	13.9	14.5
n-Hexane	110-54-3	102000	ug/m3	<0.705 U	12.4	20.4	2.35	7.89	9.59
o-Xylene (1,2-Dimethylbenzene)	95-47-6	14600	ug/m3	<0.869 U	43.4	62.1	28	54.7	67.3
Styrene	100-42-5	146000	ug/m3	<0.852 U	4.85	2.16	1.11	2.14	2.27
Tert-Butyl Alcohol	75-65-0	730000	ug/m3	<1.52 U	68.8	6.09	3.46	5.67	4.85
Tert-Butyl Methyl Ether	1634-04-4	1570	ug/m3	<0.721 U	<3.61 U	<0.721 U	<0.721 U	<0.721 U	<0.775 U
Tetrachloroethene (PCE)	127-18-4	1570	ug/m3	<1.36 U	1.63	6.36	7.8	5.47	7.46
Tetrahydrofuran	109-99-9	292000	ug/m3	<1.47 U	13.6	<1.47 U	<1.47 U	3.54	<1.59 U
Toluene	108-88-3	730000	ug/m3	<0.754 U	128	112	29.6	91.6	87.4
Total Xylenes	1330-20-7	14600	ug/m3	<0.869 U	163	213	94.3	190	225
Trans-1,2-Dichloroethene	156-60-5	5840	ug/m3	<0.793 U	<3.96 U	<0.793 U	<0.793 U	<0.793 U	<0.852 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<4.54 U	<0.908 U	<0.908 U	<0.908 U	<0.976 U
Trichloroethene (TCE)	79-01-6	99.7	ug/m3	<1.07 U	<0.537 U	3.06	<1.07 U	<1.07 U	<1.16 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.17	8.09	8.37	1.81	2.11	3.1
Vinyl Chloride	75-01-4	92.9	ug/m3	<0.511 U	0.524	<0.511 U	<0.511 U	<0.511 U	<0.55 U

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

Sands New York
1255 Hempstead Turnpike
Uniondale, New York
Langan Project No.: 170754501

Notes:

AA - Ambient Air

SV - Soil Vapor

USEPA - United States Environmental Protection Agency

VISL - Vapor Intrusion Screening Level

TCR - Target cancer risk

THQ - Target hazard quotient

CAS - Chemical Abstract Service

NS - No standard

ug/m³ - microgram per cubic meter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil vapor results were compared to USEPA VISL Residential and Commercial/Industrial criteria using a TCR of 1x10⁻⁶ and a THQ of 1 (May 2023)

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 for Indoor Air - Commercial/Industrial