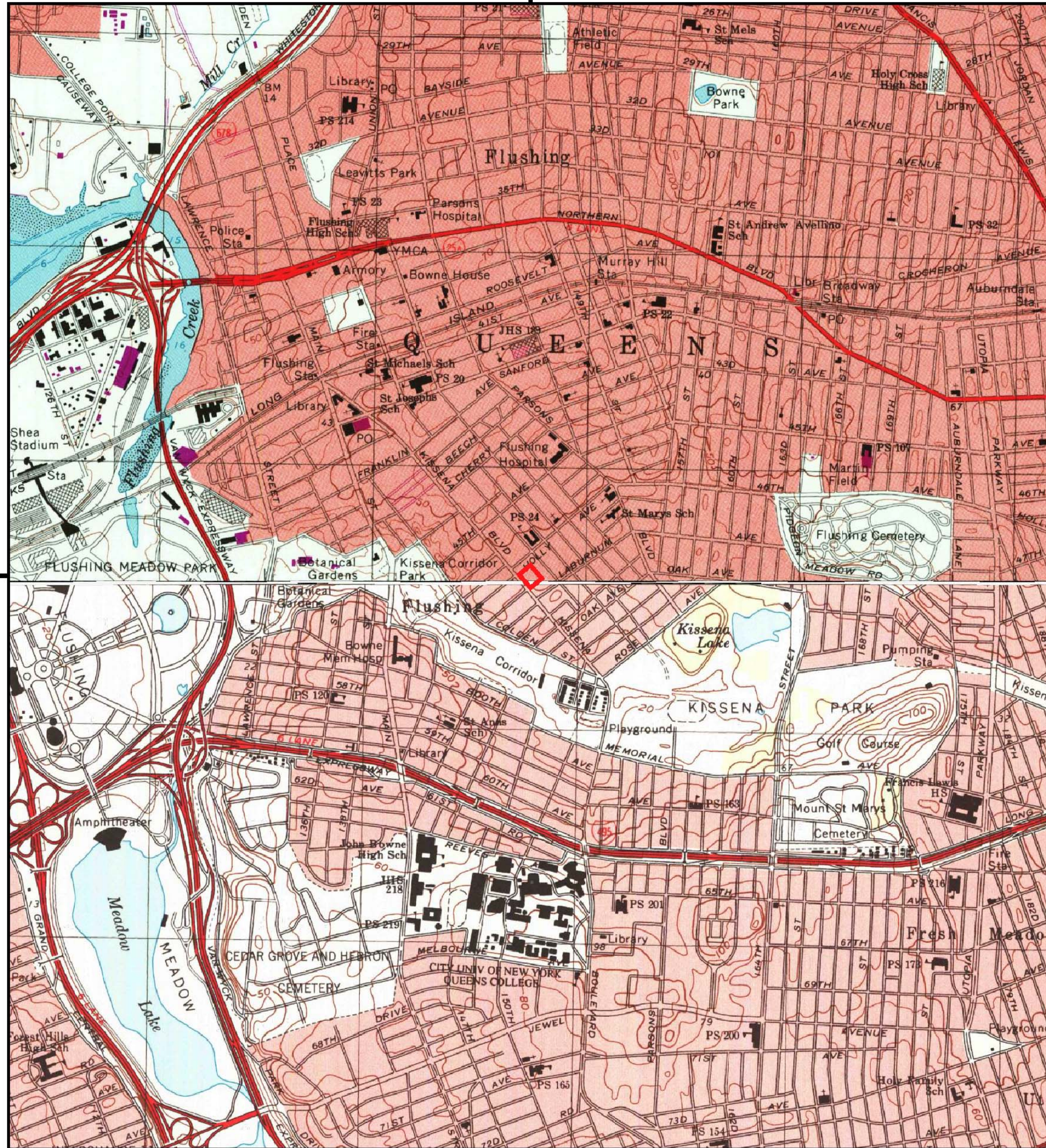
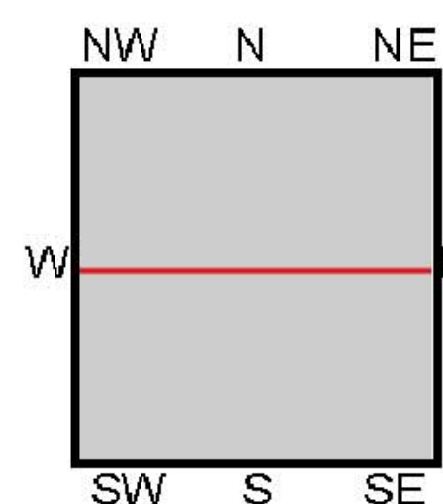
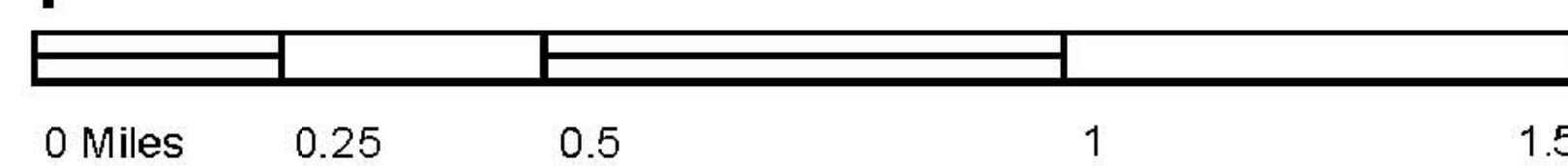




This report includes information from the following map sheet(s).



TP, Flushing, 1995, 7.5-minute
S, Jamaica, 1994, 7.5-minute

SITE NAME: Commercial Property
ADDRESS: 46-15 Kissena Blvd.
Flushing, NY 11355
CLIENT: EAI Inc.



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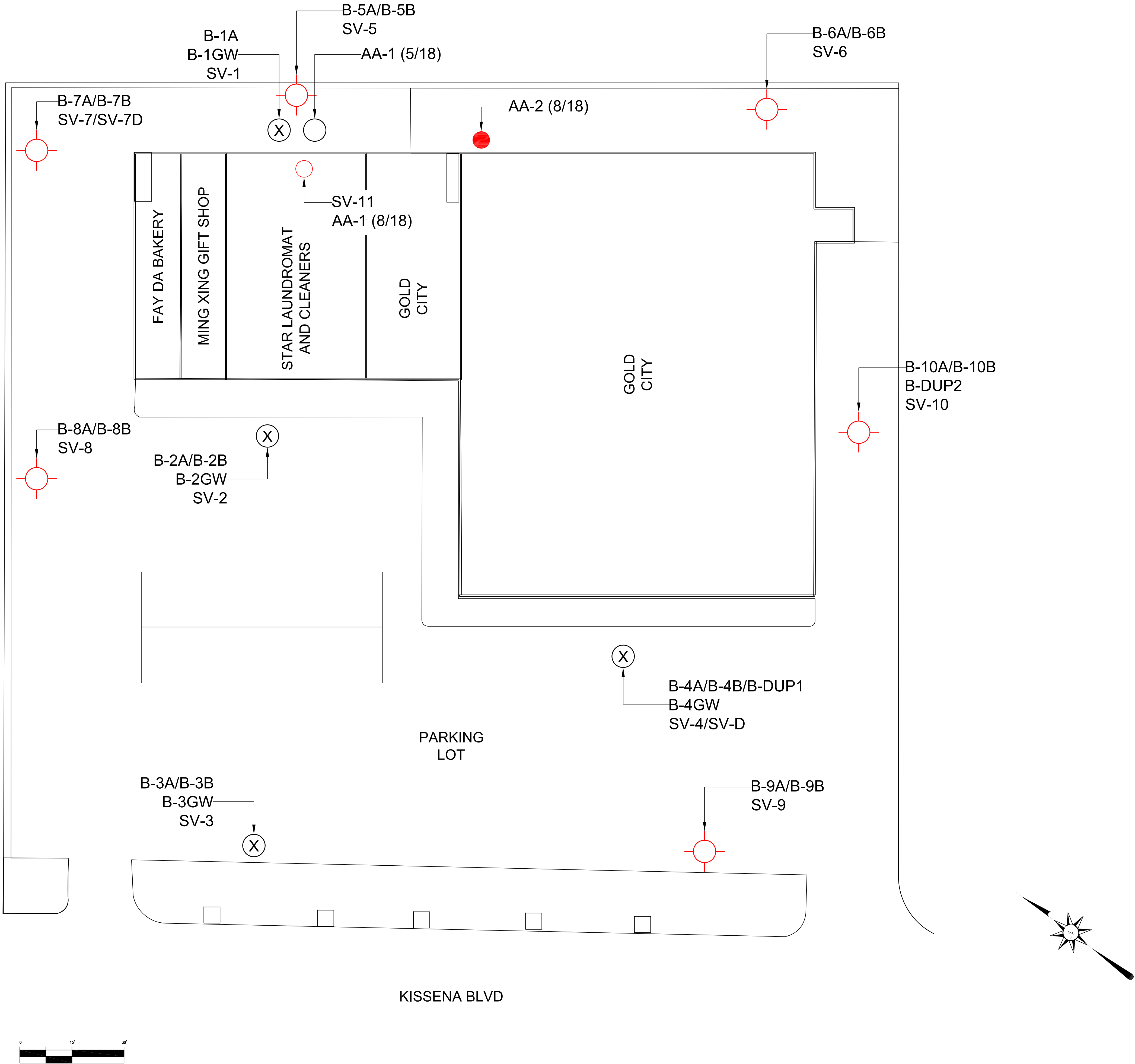
50 Prescott Street
Jersey City, NJ 07304
Phone: 201-395-0010
Fax: 201-395-0020

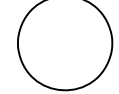
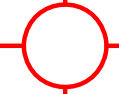
No.	Date	Revision
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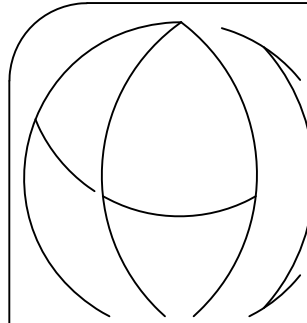
Designer:		
Drawn by:		ZT
Checked by:		KT
Scale:		Date:
AS SHOWN		1/15/2018

Project:	KISSENA BLVD SHOPPING CENTER
Address:	46-15 TO 46-31 KISSENA BLVD FLUSHING, NY 11355
Drawing Title:	SITE LOCATION MAP

Figure No.:	1
-------------	---



- LEGEND:
-  SOIL GROUNDWATER & SOIL GAS VAPOR SAMPLE (5/18)
 -  AMBIENT AIR SAMPLE (5/18)
 -  SOIL & SOIL GAS VAPOR SAMPLE (8/18)
 -  SUB-SLAB VAPOR AND INDOOR AIR QUALITY SAMPLE (8/18)
 -  AMBIENT AIR SAMPLE (8/18)



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50 Prescott Street
Jersey City, NJ 07304
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No.	Date	Revision
Designer:		
Drawn by:		TS
Checked by:		KT
Scale:		Date:
AS SHOWN		9/5/2018

Project: KIMCO KISSENA CENTER	
Address: 46-15 TO 46-31 KISSENA BLVD FLUSHING, NY 11355	
Drawing Title: EXISTING CONDITION & SAMPLE LOCATION MAP	

	Figure No.: 2
--	----------------------

fluoranthene*	0.01J
rm	7.6
proethene	36
ium	52,300
ese	6,681
	76,100

The diagram illustrates the layout of a wastewater treatment plant. It features several aeration tanks (B-1A, B-5A/B-5B, B-6A/B-6B, B-7A/B-7B) and clarifiers (SV-1, SV-5, SV-6, SV-7/SV-7D). Various pumps and valves are indicated by red circles with labels: B-1GW, AA-1 (5/18), AA-2 (8/18), and B-7A/B-7B SV-7/SV-7D. The flow of water is shown by arrows connecting these components. A table in the top left corner provides data for various parameters, including fluoranthene, rm, proethene, ium, and ese, with values ranging from 0.01J to 76,100.

The diagram illustrates two connection methods:

- Left Connection:** A direct connection from a red circle (representing a terminal or connector) to a label "B-8A/B-8B" and "SV-8".
- Right Connection:** A connection from a red circle to a junction box (represented by a circle with an 'X') and then to a label "B-2A/B-2B", "B-2GW", and "SV-2".

A diagram showing three labels: B-3A/B-3B, B-3GW, and SV-3. Arrows from B-3GW and SV-3 point to a circled 'X'. An arrow from B-3A/B-3B points towards the same area.

B-4A/B-4B/B-DUP1
B-4GW
SV-4/SV-D

B-9A/B-9B
SV-9

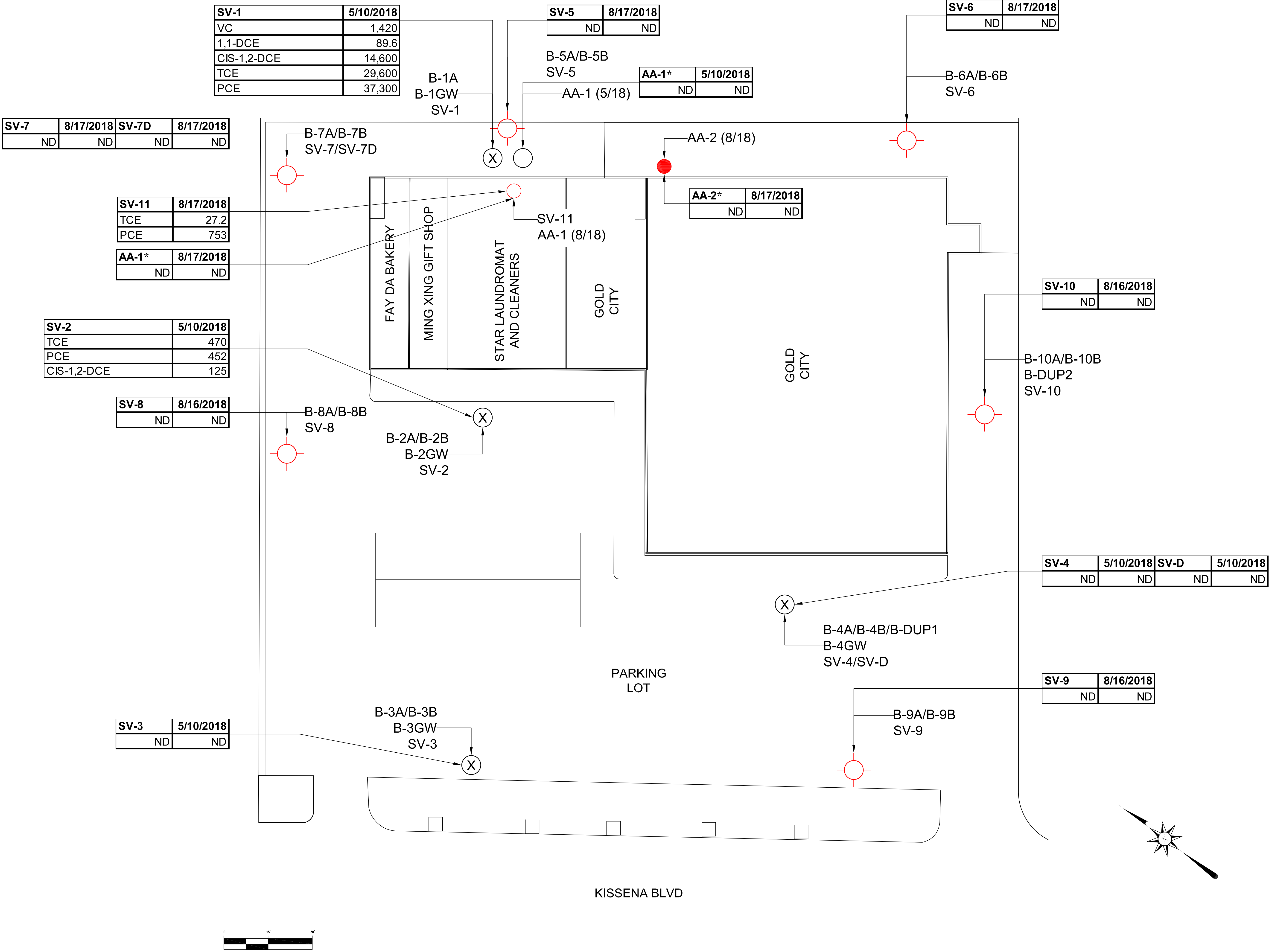


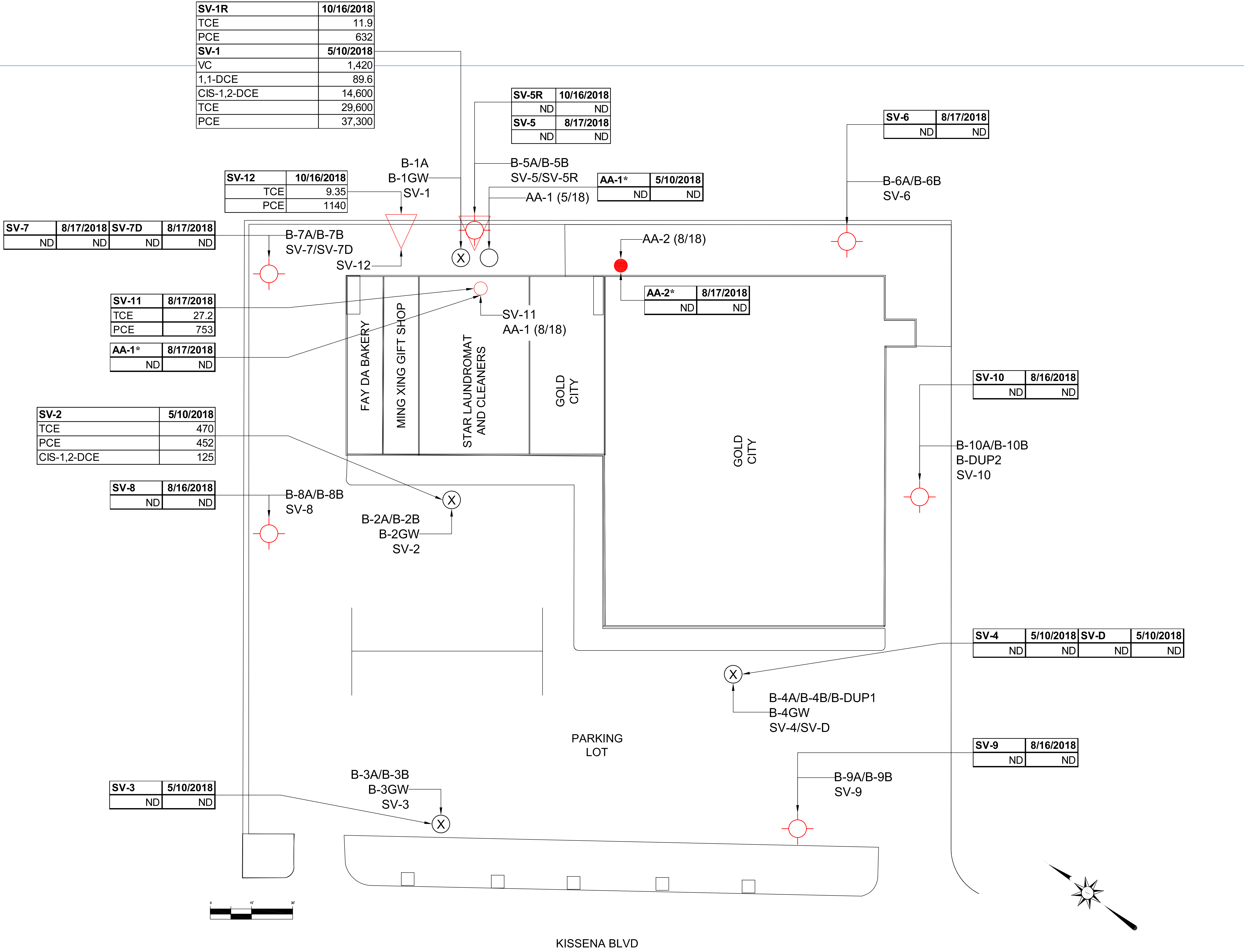
1. RESULTS IN MILLIGRAM/KILLOGRAM (mg/kg) OR PART PER MILLION (PPM)
2. RESULTS SHOWN FOR PARAMETERS EXCEEDING CLASS GA GROUNDWATER QUALITY STANDARDS
3. ONLY FILTERED METALS SHOWN
4. ** PROBABLE LAB CONTAMINANT
5. * LOW LEVEL SVOC IN TURBID SAMPLE. J WHERE ESTIMATED



Project:	KIMCO KISSENA CENTER
Address:	46-15 TO 46-31 KISSENA BLVD FLUSHING, NY 11355
Drawing Title:	FIGURE 4 GROUNDWATER SAMPLING RESULTS

4





LEGEND:

(X) SOIL GROUNDWATER & SOIL GAS VAPOR SAMPLE (5/18)

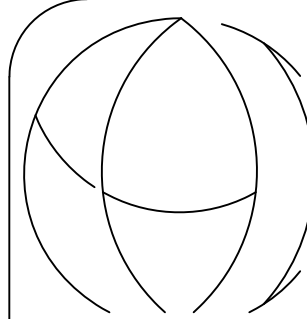
(○) AMBIENT AIR SAMPLE (5/18)

(○) SOIL & SOIL GAS VAPOR SAMPLE (8/18)

(○) SUB-SLAB VAPOR AND INDOOR AIR QUALITY SAMPLE (8/18)

(●) AMBIENT AIR SAMPLE (8/18)

- NOTES:**
- RESULTS IN MICROGRAMS PER CUBIC METER (µg/m³)
 - TCE TRICHLOROETHYLENE
 - PCE TETRACHLOROETHYLENE
 - VC VINYL CHLORIDE
 - CIS-1,2-DCE CIS-1,2-DICHLOROETHENE
 - CONCENTRATIONS EXCEEDING EITHER NYSDOH AIR GUIDANCE VALUES OR NYSDOH SOIL VAPOR MATRICES A, B OR C ARE SHOWN
 - * INDOOR AIR OR AMBIENT AIR SAMPLE

 Environmental Management Services

50 Prescott Street
Jersey City, NJ 07304
Phone: 201-395-0010
Fax: 201-395-0020

No.	Date	Revision

Designer:		
Drawn by: TS		
Checked by: KT		
Scale: AS SHOWN		Date: 10/26/2018

Project: KIMCO KISSENA CENTER	
Address: 46-15 TO 46-31 KISSENA BLVD FLUSHING, NY 11355	
Drawing Title: FIGURE 5 SOIL GAS VAPOR SAMPLING RESULTS	
	Figure No.: 5

Table 1
Sampling Summary

Location	Date	Total Depth (fbgs)	Depth to Water (fbgs)	Sample #	Type	Analyses
B-1	5/10/2018	35	29	B-1A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-1GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-2	5/10/2018	35	28	B-2A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-2B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-2GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-3	5/10/2018	35	29	B-3A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-3B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-3GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-4	5/10/2018	35	29	B-4A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-4B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-DUP1	S	VO, SVOC, Pest., PCBs, Metals, H
				B-4GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-5	8/17/2018	28	NE	B-5A	S	VO, SVOC, Pest., PCBs, Metals
				B-5B	S	VO, SVOC, Pest., PCBs, Metals
B-6	8/17/2018	28	NE	B-6A	S	VO, SVOC, Pest., PCBs, Metals
				B-6B	S	VO, SVOC, Pest., PCBs, Metals
B-7	8/17/2018	28	NE	B-7A	S	VO, SVOC, Pest., PCBs, Metals
				B-7B	S	VO, SVOC, Pest., PCBs, Metals
B-8	8/16/2018	28	NE	B-8A	S	VO, SVOC, Pest., PCBs, Metals
				B-8B	S	VO, SVOC, Pest., PCBs, Metals
B-9	8/16/2018	28	NE	B-9A	S	VO, SVOC, Pest., PCBs, Metals
				B-9B	S	VO, SVOC, Pest., PCBs, Metals
B-10	8/16/2018	28	NE	B-10A	S	VO, SVOC, Pest., PCBs, Metals
				B-10B	S	VO, SVOC, Pest., PCBs, Metals
				B-DUP2	S	VO, SVOC, Pest., PCBs, Metals
SV-1	5/10/2018	5	NE	SV-1	SV	VO (TO-15)
SV-2	5/10/2018	5	NE	SV-2	SV	VO (TO-15)
SV-3	5/10/2018	5	NE	SV-3	SV	VO (TO-15)
SV-4	5/10/2018	5	NE	SV-4	SV	VO (TO-15)
SV-D	5/10/2018	5	NE	SV-D	SV	VO (TO-15)
SV-5	8/17/2018	27	NE	SV-5	SV	VO (TO-15)
SV-6	8/17/2018	27	NE	SV-6	SV	VO (TO-15)
SV-7	8/17/2018	27	NE	SV-7	SV	VO (TO-15)
SV-7D	8/17/2018	27	NE	SV-7D	SV	VO (TO-15)
SV-8	8/16/2018	27	NE	SV-8	SV	VO (TO-15)
SV-9	8/16/2018	27	NE	SV-9	SV	VO (TO-15)
SV-10	8/16/2018	27	NE	SV-10	SV	VO (TO-15)

Table 1
Sampling Summary

Location	Date	Total Depth (fbgs)	Depth to Water (fbgs)	Sample #	Type	Analyses
SV-11	8/17/2018	27	NE	SV-11	SV	VO (TO-15)
AA-1	5/10/2018	NA	NA	AA-1	AA	VO (TO-15)
AA-1	8/17/2018	0.5	NA	AA-1	IA	VO (TO-15)
AA-2	8/17/2018	NA	NA	AA-2	AA	VO (TO-15)

Notes:

fbgs feet below ground surface

S Soil

GW Groundwater

SV Soil Gas Vapor

AA Ambient Air

IA Indoor Air

NE Not Encountered

NA Not applicable

u/f unfiltered and filtered groundwater samples

VO Volatile Organics by Method 8260 (for soil, groundwater and sludge samples)

SVOC Semi-Volatile Organic Compounds by Method 8270

Pest. Pesticides by Method 8081

PCBs Polychlorinated Biphenyls by Method 8082

H Herbicides by Method 8151

Metals TAL Metals by Method 6020/7471

TO-15 Volatile Organics by Method TO-15 (for soil gas vapor and ambient air samples)

TABLE 2: SOIL SAMPLING RESULTS (5/10/18)

LOCATION							B-1A		B-2A		B-2B		B-3A		B-3B		B-4A		B-4B		B-DUP1	
SAMPLING DATE							5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID							L1817249-01		L1817249-02		L1817249-03		L1817249-04		L1817249-05		L1817249-06		L1817249-07		L1817249-08	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)							0-2		0-2		26-28		0-2		27-29		0-2		27-29		27-29	
	CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																						
2,4-D	94-75-7					mg/kg	0.181	U	0.19	U	0.178	U	0.189	U	0.191	U	0.185	U	0.185	U	0.169	U
2,4,5-T	93-76-5					mg/kg	0.181	U	0.19	U	0.178	U	0.189	U	0.191	U	0.185	U	0.185	U	0.169	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	3.8	mg/kg	0.181	U	0.19	U	0.178	U	0.189	U	0.191	U	0.185	U	0.185	U	0.169	U
General Chemistry																						
Solids, Total	NONE					%	90.3		86.6		92.5		86.8		86.2		88.6		89.8		96.2	
Organochlorine Pesticides by GC																						
Delta-BHC	319-86-8	0.25	100	100	0.04	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Lindane	58-89-9	0.1	0.28	1.3	0.1	mg/kg	0.000722	U	0.0154	U	0.000709	U	0.000749	U	0.000762	U	0.0145	U	0.000724	U	0.00066	U
Alpha-BHC	319-84-6	0.02	0.097	0.48	0.02	mg/kg	0.000722	U	0.0154	U	0.000709	U	0.000749	U	0.000762	U	0.0145	U	0.000724	U	0.00066	U
Beta-BHC	319-85-7	0.09	0.072	0.36	0.036	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Heptachlor	76-44-8	0.38	0.42	2.1	0.042	mg/kg	0.000867	U	0.0184	U	0.000851	U	0.000899	U	0.000915	U	0.0174	U	0.000868	U	0.000792	U
Aldrin	309-00-2	0.19	0.019	0.097	0.005	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Heptachlor epoxide	1024-57-3					mg/kg	0.00325	U	0.0691	U	0.00319	U	0.00337	U	0.00343	U	0.0653	U	0.00326	U	0.00297	U
Endrin	72-20-8	0.06	2.2	11	0.014	mg/kg	0.000722	U	0.0154	U	0.000709	U	0.000749	U	0.000762	U	0.0145	U	0.000724	U	0.00066	U
Endrin aldehyde	7421-93-4					mg/kg	0.00217	U	0.0461	U	0.00213	U	0.00225	U	0.00229	U	0.0435	U	0.00217	U	0.00198	U
Endrin ketone	53494-70-5					mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Dieldrin	60-57-1	0.1	0.039	0.2	0.005	mg/kg	0.00108	U	0.023	U	0.00106	U	0.00112	U	0.00114	U	0.0218	U	0.00108	U	0.00099	U
4,4'-DDE	72-55-9	17	1.8	8.9	0.0033	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
4,4'-DDD	72-54-8	14	2.6	13	0.0033	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
4,4'-DDT	50-29-3	136	1.7	7.9	0.0033	mg/kg	0.00325	U	0.0691	U	0.00319	U	0.00337	U	0.00343	U	0.0653	U	0.00326	U	0.00297	U
Endosulfan I	959-98-8	102	4.8	24	2.4	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Endosulfan II	33213-65-9	102	4.8	24	2.4	mg/kg	0.00173	U	0.0368	U	0.0017	U	0.0018	U	0.00183	U	0.0348	U	0.00174	U	0.00158	U
Endosulfan sulfate	1031-07-8	1000	4.8	24	2.4	mg/kg	0.000722	U	0.0154	U	0.000709	U	0.000749	U	0.000762	U	0.0145	U	0.000724	U	0.00066	U
Methoxychlor	72-43-5					mg/kg	0.00325	U	0.0691	U	0.00319	U	0.00337	U	0.00343	U	0.0653	U	0.00326	U	0.00297	U
Toxaphene	8001-35-2					mg/kg	0.0325	U	0.691	U	0.0319	U	0.0337	U	0.0343	U	0.653	U	0.0326	U	0.0297	U
cis-Chlordane	5103-71-9	2.9	0.91	4.2	0.094	mg/kg	0.00217	U	0.0461	U	0.00213	U	0.00225	U	0.00229	U	0.0435	U	0.00217	U	0.00198	U
trans-Chlordane	5103-74-2					mg/kg	0.00217	U	0.0461	U	0.00213	U	0.00225	U	0.00229	U	0.0435	U	0.00217	U	0.00198	U
Chlordane	57-74-9					mg/kg	0.0141	U	0.299	U	0.0138	U	0.0146	U	0.0149	U	0.283	U	0.0141	U	0.0129	U
Polychlorinated Biphenyls by GC																						
Aroclor 1016	12674-11-2	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1221	11104-28-2	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1232	11141-16-5	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1242	53469-21-9	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1248	12672-29-6	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1254	11097-69-1	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1260	11096-82-5	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1262	37324-23-5	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Aroclor 1268	11100-14-4	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
PCBs, Total	1336-36-3	3.2	1	1	0.1	mg/kg	0.0357	U	0.0382	U	0.0346	U	0.0366	U	0.0384	U	0.0366	U	0.035	U	0.0344	U
Semivolatile Organics by GC/MS																						
Acenaphthene	83-32-9	98	100	100	20	mg/kg	0.14	U	0.15	U	0.14	U	0.045	J	0.15	U	0.15	U	0.15	U	0.14	U
1,2,4-Trichlorobenzene	120-82-1					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
Hexachlorobenzene	118-74-1	3.2	0.33	1.2	0.33	mg/kg	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1	U
Bis(2-chloroethyl)ether	111-44-4					mg/kg	0.16	U	0.17	U	0.16	U	0.17	U	0.17	U	0.17	U	0.17	U	0.15	U
2-Chloronaphthalene	91-58-7					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	1.1	mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	2.4	mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	1.8	mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
3,3'-Dichlorobenzidine	91-94-1					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
2,4-Dinitrotoluene	121-14-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
2,6-Dinitrotoluene	606-20-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
Fluoranthene	206-44-0	1000	100	100	100	mg/kg	0.11	U	0.029	J	0.11	U	4.9		0.11	U	0.026	J	0.11	U	0.1	U
4-Chlorophenyl phenyl ether	7005-72-3					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
4-Bromophenyl phenyl ether	101-55-3					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1					mg/kg	0.22	U	0.22	U	0.21	U	0.23	U	0.23	U	0.22	U	0.22	U	0.2	U
Bis(2-chloroethoxy)methane	111-91-1					mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.2	U	0.2	U	0.2	U	0.18	U
Hexachlorobutadiene	87-68-3					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U	0.17	U
Hexachlorocyclopentadiene	77-47-4					mg/kg	0.52	U	0.54	U	0.51	U	0.54	U	0.54	U	0.53	U	0.53	U	0.49	U
Hexachloroethane	67-72-1					mg/kg	0.14	U	0.15	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15	U	0.14	U

TABLE 2: SOIL SAMPLING RESULTS (5/10/18)

LOCATION											B-1A	B-2A	B-2B	B-3A	B-3B	B-4A	B-4B	B-DUP1
SAMPLING DATE											5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018	5/10/2018
LAB SAMPLE ID											L1817249-01	L1817249-02	L1817249-03	L1817249-04	L1817249-05	L1817249-06	L1817249-07	L1817249-08
SAMPLE TYPE											SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMPLE DEPTH (ft.)											0-2	0-2	26-28	0-2	27-29	0-2	27-29	27-29
	CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Isophorone	78-59-1					mg/kg	0.16	U	0.17	U	0.16	U	0.17	U	0.17	U	0.17	U
Naphthalene	91-20-3	12	100	100	12	mg/kg	0.18	U	0.19	U	0.18	U	0.2		0.19	U	0.18	U
Nitrobenzene	98-95-3					mg/kg	0.16	U	0.17	U	0.16	U	0.17	U	0.17	U	0.17	U
NDPA/DPA	86-30-6					mg/kg	0.14	U	0.15	U	0.14	U	0.15	U	0.15	U	0.15	U
n-Nitrosodi-n-propylamine	621-64-7					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Bis(2-ethylhexyl)phthalate	117-81-7					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Butyl benzyl phthalate	85-68-7					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Di-n-butylphthalate	84-74-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Di-n-octylphthalate	117-84-0					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Diethyl phthalate	84-66-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Dimethyl phthalate	131-11-3					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	1	mg/kg	0.11	U	0.11	U	0.11	U	2.7		0.11	U	0.11	U
Benzo(a)pyrene	50-32-8	22	1	1	1	mg/kg	0.14	U	0.15	U	0.14	U	2.8		0.15	U	0.15	U
Benzo(b)fluoranthene	205-99-2	1.7	1	1	1	mg/kg	0.11	U	0.11	U	0.11	U	3.7		0.11	U	0.11	U
Benzo(k)fluoranthene	207-08-9	1.7	1	3.9	0.8	mg/kg	0.11	U	0.11	U	0.11	U	1.4		0.11	U	0.11	U
Chrysene	218-01-9	1	1	3.9	1	mg/kg	0.11	U	0.11	U	0.11	U	2.6		0.11	U	0.11	U
Acenaphthylene	208-96-8	107	100	100	100	mg/kg	0.14	U	0.15	U	0.14	U	0.12	J	0.15	U	0.15	U
Anthracene	120-12-7	1000	100	100	100	mg/kg	0.11	U	0.11	U	0.11	U	0.4		0.11	U	0.11	U
Benzo(ghi)perylene	191-24-2	1000	100	100	100	mg/kg	0.14	U	0.15	U	0.14	U	1.8		0.15	U	0.15	U
Fluorene	86-73-7	386	100	100	30	mg/kg	0.18	U	0.19	U	0.18	U	0.046	J	0.19	U	0.18	U
Phenanthrene	85-01-8	1000	100	100	100	mg/kg	0.11	U	0.11	U	0.11	U	1.4		0.11	U	0.11	U
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	0.33	0.33	mg/kg	0.11	U	0.11	U	0.11	U	0.41		0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	0.5	0.5	mg/kg	0.14	U	0.15	U	0.14	U	2.1		0.15	U	0.15	U
Pyrene	129-00-0	1000	100	100	100	mg/kg	0.11	U	0.026	J	0.11	U	4.5		0.11	U	0.022	J
Biphenyl	92-52-4					mg/kg	0.41	U	0.43	U	0.4	U	0.43	U	0.43	U	0.42	U
4-Chloroaniline	106-47-8					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Nitroaniline	88-74-4					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
3-Nitroaniline	99-09-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
4-Nitroaniline	100-01-6					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Dibenzofuran	132-64-9	210	14	59	7	mg/kg	0.18	U	0.19	U	0.18	U	0.042	J	0.19	U	0.18	U
2-Methylnaphthalene	91-57-6					mg/kg	0.22	U	0.22	U	0.21	U	0.039	J	0.23	U	0.22	U
1,2,4,5-Tetrachlorobenzene	95-94-3					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Acetophenone	98-86-2					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2,4,6-Trichlorophenol	88-06-2					mg/kg	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
p-Chloro-m-cresol	59-50-7					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Chlorophenol	95-57-8					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2,4-Dichlorophenol	120-83-2					mg/kg	0.16	U	0.17	U	0.16	U	0.17	U	0.17	U	0.17	U
2,4-Dimethylphenol	105-67-9					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Nitrophenol	88-75-5					mg/kg	0.39	U	0.4	U	0.38	U	0.41	U	0.41	U	0.4	U
4-Nitrophenol	100-02-7					mg/kg	0.25	U	0.26	U	0.25	U	0.26	U	0.27	U	0.26	U
2,4-Dinitrophenol	51-28-5					mg/kg	0.87	U	0.9	U	0.85	U	0.91	U	0.91	U	0.89	U
4,6-Dinitro-o-cresol	534-52-1					mg/kg	0.47	U	0.49	U	0.46	U	0.49	U	0.49	U	0.48	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	0.8	mg/kg	0.14	U	0.15	U	0.14	U	0.15	U	0.15	U	0.15	U
Phenol	108-95-2	0.33	100	100	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
2-Methylphenol	95-48-7	0.33	100	100	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4	0.33	34	100	0.33	mg/kg	0.26	U	0.27	U	0.26	U	0.27	U	0.27	U	0.27	U
2,4,5-Trichlorophenol	95-95-4					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Benzoic Acid	65-85-0					mg/kg	0.59	U	0.61	U	0.58	U	0.62	U	0.62	U	0.6	U
Benzyl Alcohol	100-51-6					mg/kg	0.18	U	0.19	U	0.18	U	0.19	U	0.19	U	0.18	U
Carbazole	86-74-8					mg/kg	0.18	U	0.19	U	0.18	U	0.094	J	0.19	U	0.18	U
Total Metals																		
Aluminum, Total	7429-90-5					mg/kg	6430		10800		7710		7390		824		8670	
Antimony, Total	7440-36-0					mg/kg	4.36	U	4.39	U	4.28	U	4.45	U	4.43	U	4.25	U
Arsenic, Total	7440-38-2	16	16	16	13	mg/kg	3.13		4.38		1.93		6.08		0.682	J	3.53	
Barium, Total	7440-39-3	820	350	400	350	mg/kg	43.9		55.2		41.2		123		3.8		59.4	
Beryllium, Total	7440-41-7	47	14	72	7.2	mg/kg	0.462		0.439		0.334	J	0.382	J	0.08	J	0.416	J
Cadmium, Total	7440-43-9	7.5	2.5	4.3	2.5	mg/kg	0.428	J	0.404	J	0.291	J	0.676	J	0.886	U	0.382	J
Calcium, Total	7440-70-2					mg/kg	658		1210		310		2030		49.3		725	
Chromium, Total	7440-47-3					mg/kg	23.4		18.6		15.9		18.6		2.15		20.6	
Cobalt, Total	7440-48-4					mg/kg	8.7		6.41		6.25		7.7		0.859	J	7.97	

TABLE 2: SOIL SAMPLING RESULTS (5/10/18)

LOCATION							B-1A		B-2A		B-2B		B-3A		B-3B		B-4A		B-4B		B-DUP1	
SAMPLING DATE							5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID							L1817249-01		L1817249-02		L1817249-03		L1817249-04		L1817249-05		L1817249-06		L1817249-07		L1817249-08	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)							0-2		0-2		26-28		0-2		27-29		0-2		27-29		27-29	
	CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Copper, Total	7440-50-8	1720	270	270	50	mg/kg	19.2		15.2		15.3		32.8		2.52		18.5		23.6		10.2	
Iron, Total	7439-89-6					mg/kg	20300		17900		14000		18400		4020		17200		16500		6130	
Lead, Total	7439-92-1	450	400	400	63	mg/kg	5.64		43.7		3.3	J	394		1.12	J	25		3.78	J	1.35	J
Magnesium, Total	7439-95-4					mg/kg	1950		1850		1580		1750		118		2000		2180		1000	
Manganese, Total	7439-96-5	2000	2000	2000	1600	mg/kg	331		584		348		390		16.4		534		238		120	
Mercury, Total	7439-97-6	0.73	0.81	0.81	0.18	mg/kg	0.071	U	0.042	J	0.068	U	1.66		0.076	U	0.038	J	0.07	U	0.066	U
Nickel, Total	7440-02-0	130	140	310	30	mg/kg	16.4		12.3		12.5		11.9		2.07	J	14.2		21.3		10.2	
Potassium, Total	7440-09-7					mg/kg	1210		709		933		806		95.2	J	1180		1600		478	
Selenium, Total	7782-49-2	4	36	180	3.9	mg/kg	0.585	J	0.51	J	0.496	J	0.81	J	0.257	J	0.433	J	0.408	J	0.36	J
Silver, Total	7440-22-4	8.3	36	180	2	mg/kg	0.873	U	0.879	U	0.856	U	0.89	U	0.886	U	0.849	U	0.886	U	0.782	U
Sodium, Total	7440-23-5					mg/kg	87.2	J	128	J	55.5	J	418		84.8	J	96.7	J	348		63.3	J
Thallium, Total	7440-28-0					mg/kg	1.74	U	1.76	U	1.71	U	1.78	U	1.77	U	1.7	U	1.77	U	1.56	U
Vanadium, Total	7440-62-2					mg/kg	27.7		28.2		21.7		24.1		3.91		27.2		23.4		7.79	
Zinc, Total	7440-66-6	2480	2200	10000	109	mg/kg	38.3		44		22		207		4.76		41.9		23.5		7.67	
Volatile Organics by 8260/5035																						
Methylene chloride	75-09-2	0.05	51	100	0.05	mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
1,1-Dichloroethane	75-34-3	0.27	19	26	0.27	mg/kg	0.0016	U	0.0014	U	0.0016	U	0.0011	U	0.0019	U	0.0014	U	0.0018	U	0.0019	U
Chloroform	67-66-3	0.37	10	49	0.37	mg/kg	0.0016	U	0.0014	U	0.0016	U	0.0011	U	0.0019	U	0.0014	U	0.0018	U	0.0019	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	0.76	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,2-Dichloropropane	78-87-5					mg/kg	0.0037	U	0.0034	U	0.0037	U	0.0025	U	0.0045	U	0.0032	U	0.0043	U	0.0044	U
Dibromochloromethane	124-48-1					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,1,2-Trichloroethane	79-00-5					mg/kg	0.0016	U	0.0014	U	0.0016	U	0.0011	U	0.0019	U	0.0014	U	0.0018	U	0.0019	U
Tetrachloroethene	127-18-4	1.3	5.5	19	1.3	mg/kg	0.013		0.00096	U	0.001	U	0.00068	J	0.002		0.00092	U	0.0012	U	0.0013	U
Chlorobenzene	108-90-7	1.1	100	100	1.1	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Trichlorofluoromethane	75-69-4					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	0.02	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	0.68	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Bromodichloromethane	75-27-4					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
trans-1,3-Dichloropropene	10061-02-6					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,3-Dichloropropene, Total	542-75-6					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,1-Dichloropropene	563-58-6					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Bromoform	75-25-2					mg/kg	0.0042	U	0.0038	U	0.0042	U	0.0029	U	0.0052	U	0.0037	U	0.0049	U	0.0051	U
1,1,2,2-Tetrachloroethane	79-34-5					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Benzene	71-43-2	0.06	2.9	4.8	0.06	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.00052	J	0.00092	U	0.0012	U	0.0013	U
Toluene	108-88-3	0.7	100	100	0.7	mg/kg	0.0016	U	0.0014	U	0.0016	U	0.0011	U	0.0019	U	0.0014	U	0.0018	U	0.0019	U
Ethylbenzene	100-41-4	1	30	41	1	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Chloromethane	74-87-3					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Bromomethane	74-83-9					mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
Vinyl chloride	75-01-4	0.02	0.21	0.9	0.02	mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
Chloroethane	75-00-3					mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
1,1-Dichloroethene	75-35-4	0.33	100	100	0.33	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	100	0.19	mg/kg	0.0016	U	0.0014	U	0.0016	U	0.0011	U	0.0019	U	0.0014	U	0.0018	U	0.0019	U
Trichloroethene	79-01-6	0.47	10	21	0.47	mg/kg	0.0024		0.00096	U	0.001	U	0.00072	U	0.00091	J	0.00092	U	0.0012	U	0.0013	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	1.1	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	2.4	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	1.8	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Methyl tert butyl ether	1634-04-4	0.93	62	100	0.93	mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
p/m-Xylene	179601-23-1					mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
o-Xylene	95-47-6					mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
Xylenes, Total	1330-20-7	1.6	100	100	0.26	mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
cis-1,2-Dichloroethene	156-59-2	0.25	59	100	0.25	mg/kg	0.0044		0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,2-Dichloroethene, Total	540-59-0					mg/kg	0.0044		0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Dibromomethane	74-95-3					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
Styrene	100-42-5					mg/kg	0.0021	U	0.0019	U	0.0021	U	0.0014	U	0.0026	U	0.0018	U	0.0025	U	0.0025	U
Dichlorodifluoromethane	75-71-8					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
Acetone	67-64-1	0.05	100	100	0.05	mg/kg	0.0027	J	0.069		0.01	U	0.0072	U	0.0062	J	0.037		0.012	U	0.017	
Carbon disulfide	75-15-0					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
2-Butanone	78-93-3	0.12	100	100	0.12	mg/kg	0.011	U	0.011		0.01	U	0.0072	U	0.013	U	0.0052	J	0.012	U	0.013	U
Vinyl acetate	108-05-4					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U

TABLE 2: SOIL SAMPLING RESULTS (5/10/18)

LOCATION							B-1A		B-2A		B-2B		B-3A		B-3B		B-4A		B-4B		B-DUP1	
SAMPLING DATE							5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID							L1817249-01		L1817249-02		L1817249-03		L1817249-04		L1817249-05		L1817249-06		L1817249-07		L1817249-08	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)							0-2		0-2		26-28		0-2		27-29		0-2		27-29		27-29	
	CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Methyl-2-pentanone	108-10-1					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
1,2,3-Trichloropropane	96-18-4					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
2-Hexanone	591-78-6					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
Bromochloromethane	74-97-5					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
2,2-Dichloropropane	594-20-7					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,2-Dibromoethane	106-93-4					mg/kg	0.0042	U	0.0038	U	0.0042	U	0.0029	U	0.0052	U	0.0037	U	0.0049	U	0.0051	U
1,3-Dichloropropane	142-28-9					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,1,1,2-Tetrachloroethane	630-20-6					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Bromobenzene	108-86-1					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
n-Butylbenzene	104-51-8	12	100	100	12	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
sec-Butylbenzene	135-98-8	11	100	100	11	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.00031	J	0.00092	U	0.0012	U	0.0013	U
tert-Butylbenzene	98-06-6	5.9	100	100	5.9	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
o-Chlorotoluene	95-49-8					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
p-Chlorotoluene	106-43-4					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,2-Dibromo-3-chloropropane	96-12-8					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Hexachlorobutadiene	87-68-3					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Isopropylbenzene	98-82-8					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
p-Isopropyltoluene	99-87-6					mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
Naphthalene	91-20-3	12	100	100	12	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.00014	J	0.0064	U	0.0046	U	0.0062	U	0.0063	U
Acrylonitrile	107-13-1					mg/kg	0.011	U	0.0096	U	0.01	U	0.0072	U	0.013	U	0.0092	U	0.012	U	0.013	U
n-Propylbenzene	103-65-1	3.9	100	100	3.9	mg/kg	0.0011	U	0.00096	U	0.001	U	0.00072	U	0.0013	U	0.00092	U	0.0012	U	0.0013	U
1,2,3-Trichlorobenzene	87-61-6					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,2,4-Trichlorobenzene	120-82-1					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	8.4	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	3.6	mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
1,4-Dioxane	123-91-1	0.1	9.8	13	0.1	mg/kg	0.042	U	0.038	U	0.042	U	0.029	U	0.052	U	0.037	U	0.049	U	0.051	U
p-Diethylbenzene	105-05-5					mg/kg	0.0042	U	0.0038	U	0.0042	U	0.0029	U	0.0052	U	0.0037	U	0.0049	U	0.0051	U
p-Ethyltoluene	622-96-8					mg/kg	0.0042	U	0.0038	U	0.0042	U	0.0029	U	0.0052	U	0.0037	U	0.0049	U	0.0051	U
1,2,4,5-Tetramethylbenzene	95-93-2					mg/kg	0.0042	U	0.0038	U	0.0042	U	0.0029	U	0.00034	J	0.0037	U	0.0049	U	0.0051	U
Ethyl ether	60-29-7					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U
trans-1,4-Dichloro-2-butene	110-57-6					mg/kg	0.0053	U	0.0048	U	0.0053	U	0.0036	U	0.0064	U	0.0046	U	0.0062	U	0.0063	U

Notes:

mg/kg: milligrams/kilogram or parts per million (ppm)

RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

U Not detected

J Estimated Concentration

Exceedances of RESGW RESR, UNRESRR or UNRES highlighted in yellow.

TABLE 3: SOIL SAMPLING RESULTS (AUGUST 16 & 17, 2018)

LOCATION											B-5A	B-5B	B-6A	B-6B	B-7A	B-7B	B-8A	B-8B	B-9A	B-9B	B-10A	B-10B	B-D1/P2	
SAMPLING DATE											8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
LAB SAMPLE ID											L1832453-01	L1832453-02	L1832453-03	L1832453-04	L1832453-05	L1832453-06	L1832453-07	L1832453-08	L1832453-09	L1832453-10	L1832453-11	L1832453-12	L1832453-13	
SAMPLE TYPE											SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMPLE DEPTH (ft.)											0-2	26-28	0-2	26-28	0-2	26-28	0-2	26-28	0-2	26-28	0-2	26-28	26-28	26-28
CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
General Chemistry																								
Solids, Total						%		88.7		87.9		83		87.6		90.1		89.3		92.3		95.2		92
Organochlorine Pesticides by GC																								
Delta-BHC	319-86-8	0.25	100	100	0.04	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Lindane	58-89-9	0.1	0.28	1.3	0.1	mg/kg	0.000729	U	0.000752	U	0.00384	U	0.00074	U	0.000705	U	0.00074	U	0.000692	U	0.000689	U	0.0007	U
Alpha-BHC	319-84-6	0.02	0.097	0.48	0.02	mg/kg	0.000729	U	0.000752	U	0.00384	U	0.00074	U	0.000705	U	0.00074	U	0.000692	U	0.000689	U	0.0007	U
Beta-BHC	319-85-7	0.09	0.072	0.36	0.036	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Heptachlor	76-44-8	0.38	0.42	2.1	0.042	mg/kg	0.000874	U	0.000902	U	0.00461	U	0.000888	U	0.000846	U	0.000888	U	0.000831	U	0.000827	U	0.00084	U
Aldrin	309-00-2	0.19	0.019	0.097	0.005	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Heptachlor epoxide	1024-57-3					mg/kg	0.00328	U	0.00338	U	0.0173	U	0.00333	U	0.00317	U	0.00333	U	0.00312	U	0.0031	U	0.00315	U
Endrin	72-20-8	0.06	2.2	11	0.014	mg/kg	0.000729	U	0.000752	U	0.00384	U	0.00074	U	0.000705	U	0.00074	U	0.000692	U	0.000689	U	0.0007	U
Endrin aldehyde	7421-93-4					mg/kg	0.00219	U	0.00226	U	0.0115	U	0.00222	U	0.00212	U	0.00222	U	0.00208	U	0.00207	U	0.0021	U
Endrin ketone	53494-70-5					mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Dieldrin	60-57-1	0.1	0.039	0.2	0.005	mg/kg	0.00109	U	0.00113	U	0.00577	U	0.00111	U	0.00106	U	0.00111	U	0.00104	U	0.00103	U	0.00105	U
4,4'-DDE	72-55-9	17	1.8	8.9	0.0033	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
4,4'-DDD	72-54-8	14	2.6	13	0.0033	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
4,4'-DDT	50-29-3	136	1.7	7.9	0.0033	mg/kg	0.00328	U	0.00338	U	0.0173	U	0.00333	U	0.00317	U	0.00333	U	0.00312	U	0.0031	U	0.00315	U
Endosulfan I	959-98-8	102	4.8	24	2.4	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Endosulfan II	33213-65-9	102	4.8	24	2.4	mg/kg	0.00175	U	0.0018	U	0.00923	U	0.00178	U	0.00169	U	0.00178	U	0.00166	U	0.00165	U	0.00168	U
Endosulfan sulfate	1031-07-8	1000	4.8	24	2.4	mg/kg	0.000729	U	0.000752	U	0.00384	U	0.00074	U	0.000705	U	0.00074	U	0.000692	U	0.000689	U	0.0007	U
Methoxychlor	72-43-5					mg/kg	0.00328	U	0.00338	U	0.0173	U	0.00333	U	0.00317	U	0.00333	U	0.00312	U	0.0031	U	0.00315	U
Toxaphene	8001-35-2					mg/kg	0.0328	U	0.0338	U	0.173	U	0.0333	U	0.0317	U	0.0333	U	0.0312	U	0.031	U	0.0315	U
cis-Chlordane	5103-71-9	2.9	0.91	4.2	0.094	mg/kg	0.00219	U	0.00226	U	0.0115	U	0.00222	U	0.00212	U	0.00222	U	0.00208	U	0.00207	U	0.0021	U
trans-Chlordane	5103-74-2					mg/kg	0.00219	U	0.00226	U	0.0115	U	0.00222	U	0.00212	U	0.00222	U	0.00208	U	0.00207	U	0.0021	U
Chlordane	57-74-9					mg/kg	0.0142	U	0.0147	U	0.075	U	0.0144	U	0.0138	U	0.0144	U	0.0135	U	0.0134	U	0.0136	U
Polychlorinated Biphenyls by GC																								
Aroclor 1016	12674-11-2	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1221	11104-28-2	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1232	11141-16-5	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1242	53469-21-9	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1248	12672-29-6	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1254	11097-69-1	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1260	11096-82-5	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1262	37324-23-5	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Aroclor 1268	11100-14-4	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
PCBs, Total	1336-36-3	3.2	1	1	0.1	mg/kg	0.0354	U	0.0362	U	0.0389	U	0.0361	U	0.0365	U	0.0362	U	0.0359	U	0.0334	U	0.0347	U
Semivolatile Organics by GC/MS																								
Acenaphthene	83-32-9	98	100	100	20	mg/kg	0.15	U	0.15	U	0.16	U	0.15	U	0.15	U	0.057	J	0.14	U	0.14	U	0.14	U
1,2,4-Trichlorobenzene	120-82-1					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
Hexachlorobenzene	118-74-1	3.2	0.33	1.2	0.33	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.22	U	0.1	U	0.1	U	0.11	U
Bis(2-chloroethyl)ether	111-44-4					mg/kg	0.16	U	0.17	U	0.18	U	0.17	U	0.16	U	0.33	U	0.16	U	0.16	U	0.15	U
2-Chloronaphthalene	91-58-7					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	1.1	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	2.4	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	1.8	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
3,3'-Dichlorobenzidine	91-94-1					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U
2,4-Dinitrotoluene	121-14-2					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	

TABLE 3: SOIL SAMPLING RESULTS (AUGUST 16 & 17, 2018)

LOCATION							B-5A		B-5B		B-6A		B-6B		B-7A		B-7B		B-8A		B-8B		B-9A		B-9B		B-10A		B-10B		B-DUP2			
SAMPLING DATE							8/17/2018		8/17/2018		8/17/2018		8/17/2018		8/17/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018			
LAB SAMPLE ID							L1832453-01		L1832453-02		L1832453-03		L1832453-04		L1832453-05		L1832453-06		L1832453-07		L1832453-08		L1832453-09		L1832453-10		L1832453-11		L1832453-12		L1832453-13			
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
SAMPLE DEPTH (ft.)							0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		26-28			
			CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Anthracene			120-12-7	1000	100	100	100	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.087	J	0.1	U	0.1	U	0.11	U	0.1	U	0.12	U	0.1	U	0.1	U		
Benzo(ghi)perylene			191-24-2	1000	100	100	100	mg/kg	0.15	U	0.15	U	0.16	U	0.15	U	0.046	J	0.14	U	0.14	U	0.14	U	0.13	U	0.16	U	0.14	U	0.14	U		
Fluorene			86-73-7	386	100	100	30	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.058	J	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U	0.17	U		
Phenanthrene			85-01-8	1000	100	100	100	mg/kg	0.11	U	0.11	U	0.024	J	0.11	U	0.11	U	0.46	U	0.1	U	0.1	U	0.11	U	0.1	U	0.12	U	0.1	U		
Dibenzo(a,h)anthracene			53-70-3	1000	0.33	0.33	0.33	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.22	U	0.1	U	0.1	U	0.11	U	0.1	U	0.12	U	0.1	U		
Indeno(1,2,3-cd)pyrene			193-39-5	8.2	0.5	0.5	0.5	mg/kg	0.15	U	0.15	U	0.16	U	0.15	U	0.051	J	0.14	U	0.14	U	0.14	U	0.13	U	0.16	U	0.14	U	0.14	U		
Pyrene			129-00-0	1000	100	100	100	mg/kg	0.11	U	0.11	U	0.027	J	0.11	U	0.11	U	0.67	U	0.1	U	0.1	U	0.11	U	0.1	U	0.12	U	0.1	U		
Biphenyl			92-52-4					mg/kg	0.42	U	0.43	U	0.44	U	0.43	U	0.42	U	0.83	U	0.4	U	0.39	U	0.4	U	0.38	U	0.46	U	0.39	U		
4-Chloroaniline			106-47-8					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2-Nitroaniline			88-74-4					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
3-Nitroaniline			99-09-2					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
4-Nitroaniline			100-01-6					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
Dibenzofuran			132-64-9	210	14	59	7	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2-Methylnaphthalene			91-57-6					mg/kg	0.22	U	0.22	U	0.23	U	0.22	U	0.22	U	0.44	U	0.21	U	0.21	U	0.21	U	0.2	U	0.24	U	0.21	U		
1,2,4,5-Tetrachlorobenzene			95-94-3					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
Acetophenone			98-86-2					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2,4,6-Trichlorophenol			88-06-2					mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.22	U	0.1	U	0.1	U	0.11	U	0.1	U	0.12	U	0.1	U		
p-Chloro-m-cresol			59-50-7					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2-Chlorophenol			95-57-8					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2,4-Dichlorophenol			120-83-2					mg/kg	0.16	U	0.17	U	0.18	U	0.17	U	0.16	U	0.33	U	0.16	U	0.16	U	0.16	U	0.15	U	0.18	U	0.16	U		
2,4-Dimethylphenol			105-67-9					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2-Nitrophenol			88-75-5					mg/kg	0.39	U	0.4	U	0.42	U	0.41	U	0.4	U	0.78	U	0.38	U	0.37	U	0.38	U	0.36	U	0.43	U	0.37	U		
4-Nitrophenol			100-02-7					mg/kg	0.26	U	0.26	U	0.27	U	0.26	U	0.26	U	0.51	U	0.24	U	0.24	U	0.25	U	0.23	U	0.28	U	0.24	U		
2,4-Dinitrophenol			51-28-5					mg/kg	0.88	U	0.9	U	0.94	U	0.9	U	0.88	U	1.7	U	0.84	U	0.83	U	0.85	U	0.8	U	0.96	U	0.83	U		
4,6-Dinitro-o-cresol			534-52-1					mg/kg	0.48	U	0.49	U	0.51	U	0.49	U	0.48	U	0.94	U	0.45	U	0.45	U	0.46	U	0.43	U	0.52	U	0.45	U		
Pentachlorophenol			87-86-5	0.8	2.4	6.7	0.8	mg/kg	0.15	U	0.15	U	0.16	U	0.15	U	0.15	U	0.29	U	0.14	U	0.14	U	0.14	U	0.13	U	0.16	U	0.14	U		
Phenol			108-95-2	0.33	100	100	0.33	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
2-Methylphenol			95-48-7	0.33	100	100	0.33	mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
3-Methylphenol/4-Methylphenol			108-39-4	0.33	34	100	0.33	mg/kg	0.26	U	0.27	U	0.28	U	0.27	U	0.26	U	0.52	U	0.25	U	0.25	U	0.26	U	0.24	U	0.29	U	0.25	U		
2,4,5-Trichlorophenol			95-95-4					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
Benzoic Acid			65-85-0					mg/kg	0.59	U	0.6	U	0.63	U	0.61	U	0.6	U	1.2	U	0.57	U	0.56	U	0.58	U	0.54	U	0.65	U	0.56	U		
Benzyl Alcohol			100-51-6					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.36	U	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
Carbazole			86-74-8					mg/kg	0.18	U	0.19	U	0.2	U	0.19	U	0.18	U	0.047	J	0.17	U	0.17	U	0.18	U	0.17	U	0.2	U	0.17	U		
Total Metals																																		
Aluminum, Total			7429-90-5					mg/kg	7360		6240		11800		6460		7360		6320		8200		4470		5840		2570		11800		2200		3290	
Antimony, Total			7440-36-0					mg/kg	1.3	J	2.44	J	1.89	J	1.17	J	0.968	J	1.04	J	0.797	J	0.753	J	0.916	J	0.52	J	1.15	J	0.479	J	0.635	J
Arsenic, Total			7440-38-2	16	16	16	13	mg/kg	1.8		1.33		5.05		1.88		1.84		1.73		1.86		0.728	J	1.52		0.569	J	3.54		0.421	J	0.368	J
Barium, Total			7440-39-3	820	350	400	350	mg/kg	40.4		41.9		67.4		53.5		37.2		41.4		34.6		23.9		28		11							

TABLE 3: SOIL SAMPLING RESULTS (AUGUST 16 & 17, 2018)

LOCATION							B-5A		B-5B		B-6A		B-6B		B-7A		B-7B		B-8A		B-8B		B-9A		B-9B		B-10A		B-10B		B-DUP2		
SAMPLING DATE							8/17/2018		8/17/2018		8/17/2018		8/17/2018		8/17/2018		8/17/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		8/16/2018		
LAB SAMPLE ID							L1832453-01		L1832453-02		L1832453-03		L1832453-04		L1832453-05		L1832453-06		L1832453-07		L1832453-08		L1832453-09		L1832453-10		L1832453-11		L1832453-12		L1832453-13		
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMPLE DEPTH (ft.)							0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		0-2		26-28		0-2		
		CasNum	RESGW	RESR	RESRR	UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
1,3-Dichloropropene, Total		542-75-6					mg/kg	0.00052	U	0.00051	U	0.0004	U	0.0004	U	0.00051	U	0.00056	U	0.00042	U	0.00045	U	0.00053	U	0.00056	U	0.00048	U	0.00051	U	0.00051	U
1,1-Dichloropropene		563-58-6					mg/kg	0.00052	U	0.00051	U	0.0004	U	0.0004	U	0.00051	U	0.00056	U	0.00042	U	0.00045	U	0.00053	U	0.00056	U	0.00048	U	0.00051	U	0.00051	U
Bromoform		75-25-2					mg/kg	0.0042	U	0.0041	U	0.0032	U	0.0032	U	0.004	U	0.0045	U	0.0033	U	0.0036	U	0.0042	U	0.0045	U	0.0039	U	0.0041	U	0.0041	U
1,1,2,2-Tetrachloroethane		79-34-5					mg/kg	0.00052	U	0.00051	U	0.0004	U	0.0004	U	0.00051	U	0.00056	U	0.00042	U	0.00045	U	0.00053	U	0.00056	U	0.00048	U	0.00051	U	0.00051	U
Benzene		71-43-2	0.06	2.9	4.8	0.06	mg/kg	0.00052	U	0.00051	U	0.0004	U	0.0004	U	0.00051	U	0.00056	U	0.00042	U	0.00045	U	0.00053	U	0.00056	U	0.00048	U	0.00051	U	0.00051	U
Toluene		108-88-3	0.7	100	100	0.7	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Ethylbenzene		100-41-4	1	30	41	1	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Chloromethane		74-87-3					mg/kg	0.0042	U	0.0041	U	0.0032	U	0.0032	U	0.004	U	0.0045	U	0.0033	U	0.0036	U	0.0042	U	0.0045	U	0.0039	U	0.0041	U	0.0041	U
Bromomethane		74-83-9					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
Vinyl chloride		75-01-4	0.02	0.21	0.9	0.02	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Chloroethane		75-00-3					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
1,1-Dichloroethene		75-35-4	0.33	100	100	0.33	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
trans-1,2-Dichloroethene		156-60-5	0.19	100	100	0.19	mg/kg	0.0016	U	0.0015	U	0.0012	U	0.0012	U	0.0015	U	0.0017	U	0.0012	U	0.0014	U	0.0016	U	0.0017	U	0.0014	U	0.0015	U	0.0015	U
Trichloroethene		79-01-6	0.47	10	21	0.47	mg/kg	0.00052	U	0.00051	U	0.0004	U	0.0004	U	0.00051	U	0.00056	U	0.00042	U	0.00045	U	0.00053	U	0.00056	U	0.00048	U	0.00051	U	0.00051	U
1,2-Dichlorobenzene		95-50-1	1.1	100	100	1.1	mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
1,3-Dichlorobenzene		541-73-1	2.4	17	49	2.4	mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
1,4-Dichlorobenzene		106-46-7	1.8	9.8	13	1.8	mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
Methyl tert butyl ether		1634-04-4	0.93	62	100	0.93	mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
p/m-Xylene		179601-23-1					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
o-Xylene		95-47-6					mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Xylenes, Total		1330-20-7	1.6	100	100	0.26	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
cis-1,2-Dichloroethene		156-59-2	0.25	59	100	0.25	mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
1,2-Dichloroethene, Total		540-59-0					mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Dibromomethane		74-95-3					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
Styrene		100-42-5					mg/kg	0.001	U	0.001	U	0.00081	U	0.0008	U	0.001	U	0.0011	U	0.00084	U	0.00091	U	0.001	U	0.0011	U	0.00097	U	0.001	U	0.001	U
Dichlorodifluoromethane		75-71-8					mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
Acetone		67-64-1	0.05	100	100	0.05	mg/kg	0.0058	J	0.014		0.073		0.008	U	0.01	U	0.016		0.023		0.015		0.016		0.007	J	0.0067	J	0.026		0.019	
Carbon disulfide		75-15-0					mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
2-Butanone		78-93-3	0.12	100	100	0.12	mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
Vinyl acetate		108-05-4					mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
4-Methyl-2-pentanone		108-10-1					mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
1,2,3-Trichloropropane		96-18-4					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018	U	0.0021	U	0.0022	U	0.0019	U	0.002	U	0.002	U
2-Hexanone		591-78-6					mg/kg	0.01	U	0.01	U	0.0081	U	0.008	U	0.01	U	0.011	U	0.0084	U	0.0091	U	0.01	U	0.011	U	0.0097	U	0.01	U	0.01	U
Bromochloromethane		74-97-5					mg/kg	0.0021	U	0.002	U	0.0016	U	0.0016	U	0.002	U	0.0022	U	0.0017	U	0.0018</											

TABLE 4: GROUNDWATER SAMPLING RESULTS (5-10-18)

LOCATION				FIELD BLANK		TRIP BLANK		B-1 GW		B-2 GW		B-3 GW		B-4 GW		FIELD BLANK		TRIP BLANK	
SAMPLING DATE				5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID				L1817249-09		L1817249-10		L1817253-01		L1817253-02		L1817253-03		L1817253-04		L1817253-05		L1817253-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)				NA		NA		29		28		29		29		NA		NA	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC																			
2,4-D	94-75-7	50	ug/l	10	U	-	-	10	U	10	U	10	U	10	U	10	U	-	-
2,4,5-T	93-76-5	35	ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
2,4,5-TP (Silvex)	93-72-1		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
Dissolved Metals																			
Aluminum, Dissolved	7429-90-5		ug/l	-	-	-	-	10	U	10	U	24.8		13.6		10	U	-	-
Antimony, Dissolved	7440-36-0	3	ug/l	-	-	-	-	4	U	0.43	J	0.44	J	0.73	J	0.75	J	-	-
Arsenic, Dissolved	7440-38-2	25	ug/l	-	-	-	-	0.25	J	0.18	J	0.24	J	0.54		0.5	U	-	-
Barium, Dissolved	7440-39-3	1000	ug/l	-	-	-	-	50.15		95.22		140.2		219.6		0.34	J	-	-
Beryllium, Dissolved	7440-41-7	3	ug/l	-	-	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	-	-
Cadmium, Dissolved	7440-43-9	5	ug/l	-	-	-	-	0.14	J	0.5		0.44		0.73		0.2	U	-	-
Calcium, Dissolved	7440-70-2		ug/l	-	-	-	-	112000		172000		98000		563000		100	U	-	-
Chromium, Dissolved	7440-47-3	50	ug/l	-	-	-	-	1	U	1	U	0.35	J	0.34	J	1	U	-	-
Cobalt, Dissolved	7440-48-4		ug/l	-	-	-	-	28.76		16.02		16.94		53.4		0.5	U	-	-
Copper, Dissolved	7440-50-8	200	ug/l	-	-	-	-	0.41	J	0.67	J	4.45		11.13		1	U	-	-
Iron, Dissolved	7439-89-6	300	ug/l	-	-	-	-	50	U	50	U	79.1		74.9		50	U	-	-
Lead, Dissolved	7439-92-1	25	ug/l	-	-	-	-	1	U	1	U	0.35	J	1	U	1	U	-	-
Magnesium, Dissolved	7439-95-4	35000	ug/l	-	-	-	-	52300		58400		25000		58000		70	U	-	-
Manganese, Dissolved	7439-96-5	300	ug/l	-	-	-	-	6681		15220		11370		11600		1	U	-	-
Mercury, Dissolved	7439-97-6	0.7	ug/l	-	-	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-
Nickel, Dissolved	7440-02-0	100	ug/l	-	-	-	-	38.75		16.11		47.32		96.29		2	U	-	-
Potassium, Dissolved	7440-09-7		ug/l	-	-	-	-	4890		9470		15400		33300		100	U	-	-
Selenium, Dissolved	7782-49-2	10	ug/l	-	-	-	-	3.19	J	5	U	5	U	4.01	J	5	U	-	-
Silver, Dissolved	7440-22-4	50	ug/l	-	-	-	-	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	-	-
Sodium, Dissolved	7440-23-5	20000	ug/l	-	-	-	-	76100		135000		344000		1700000		146		-	-
Thallium, Dissolved	7440-28-0	0.5	ug/l	-	-	-	-	0.5	U	0.5	U	0.5	U	0.29	J	0.5	U	-	-
Vanadium, Dissolved	7440-62-2		ug/l	-	-	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Zinc, Dissolved	7440-66-6	2000	ug/l	-	-	-	-	10	U	6.3	J	64.45		22.14		10	U	-	-
Organochlorine Pesticides by GC																			
Delta-BHC	319-86-8	0.04	ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
Lindane	58-89-9	0.05	ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
Alpha-BHC	319-84-6	0.01	ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
Beta-BHC	319-85-7	0.04	ug/l	0.014	U	-	-	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	0.014	U	-	-
Aldrin	309-00-2	0	ug/l	0.014	U	-	-	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	0.014	U	-	-
Endrin	72-20-8	0	ug/l	0.029	U	-	-	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	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	0.029	U	-	-
Dieldrin	60-57-1	0.004	ug/l	0.029	U	-	-	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	0.029	U	-	-
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	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	0.029	U	-	-
Endosulfan I	959-98-8		ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
Endosulfan II	33213-65-9		ug/l	0.029	U	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-
Endosulfan sulfate	1031-07-8		ug/l	0.029	U	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	-	-
Methoxychlor	72-43-5	35	ug/l	0.143	U	-	-	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	0.143	U	-	-
cis-Chlordane	5103-71-9		ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
trans-Chlordane	5103-74-2		ug/l	0.014	U	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	-	-
Chlordane	57-74-9	0.05	ug/l	0.143	U	-	-	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	-	-
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1221	11104-28-2	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-

TABLE 4: GROUNDWATER SAMPLING RESULTS (5-10-18)

LOCATION				FIELD BLANK		TRIP BLANK		B-1 GW		B-2 GW		B-3 GW		B-4 GW		FIELD BLANK		TRIP BLANK	
SAMPLING DATE				5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID				L1817249-09		L1817249-10		L1817253-01		L1817253-02		L1817253-03		L1817253-04		L1817253-05		L1817253-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)				NA		NA		29		28		29		29		NA		NA	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Aroclor 1232	11141-16-5	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1242	53469-21-9	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1248	12672-29-6	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1254	11097-69-1	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1260	11096-82-5	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1262	37324-23-5	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Aroclor 1268	11100-14-4	0.09	ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
PCBs, Total	1336-36-3		ug/l	0.083	U	-	-	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	-	-
Semivolatile Organics by GC/MS																			
Acenaphthene	83-32-9	20	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Hexachlorobenzene	118-74-1	0.04	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
2-Chloronaphthalene	91-58-7	10	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	3	ug/l	2	U	-	-	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	2	U	-	-
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2,4-Dinitrotoluene	121-14-2	5	ug/l	5	U	-	-	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	5	U	-	-
Fluoranthene	206-44-0	50	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	-	-	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	2	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Hexachlorobutadiene	87-68-3	0.5	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	77-47-4	5	ug/l	20	U	-	-	20	U	20	U	20	U	20	U	20	U	-	-
Hexachloroethane	67-72-1	5	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	78-59-1	50	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Naphthalene	91-20-3	10	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	98-95-3	0.4	ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
NDPA/DPA	86-30-6	50	ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	5.3	B	-	-	3.7	B	12	B	9.3	B	6.1	B	3.4	B	-	-
Butyl benzyl phthalate	85-68-7	50	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Di-n-butylphthalate	84-74-2	50	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Di-n-octylphthalate	117-84-0	50	ug/l	5	U	-	-	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	5	U	-	-
Dimethyl phthalate	131-11-3	50	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Benzo(a)anthracene	56-55-3	0.002	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	50-32-8	0	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	218-01-9	0.002	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	208-96-8		ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	50	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	191-24-2		ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	86-73-7	50	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	50	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3		ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	50	ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	92-52-4		ug/l	2	U	-	-	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	5	U	-	-

TABLE 4: GROUNDWATER SAMPLING RESULTS (5-10-18)

LOCATION				FIELD BLANK		TRIP BLANK		B-1 GW		B-2 GW		B-3 GW		B-4 GW		FIELD BLANK		TRIP BLANK	
SAMPLING DATE				5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID				L1817249-09		L1817249-10		L1817253-01		L1817253-02		L1817253-03		L1817253-04		L1817253-05		L1817253-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)				NA		NA		29		28		29		29		NA		NA	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	5	ug/l	5	U	-	-	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	5	U	-	-
4-Nitroaniline	100-01-6	5	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Dibenzofuran	132-64-9		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
2-Methylnaphthalene	91-57-6		ug/l	2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	10	U	-	-	10	U	10	U	10	U	10	U	10	U	-	-
Acetophenone	98-86-2		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
p-Chloro-m-cresol	59-50-7		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
2-Chlorophenol	95-57-8		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
2,4-Dichlorophenol	120-83-2	1	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2,4-Dimethylphenol	105-67-9	50	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2-Nitrophenol	88-75-5		ug/l	10	U	-	-	10	U	10	U	10	U	10	U	10	U	-	-
4-Nitrophenol	100-02-7		ug/l	10	U	-	-	10	U	10	U	10	U	10	U	10	U	-	-
2,4-Dinitrophenol	51-28-5	10	ug/l	20	U	-	-	20	U	20	U	20	U	20	U	20	U	-	-
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	-	-	10	U	10	U	10	U	10	U	10	U	-	-
Pentachlorophenol	87-86-5	1	ug/l	10	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	108-95-2	1	ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2-Methylphenol	95-48-7		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	-	-	5	U	5	U	5	U	5	U	5	U	-	-
Benzoic Acid	65-85-0		ug/l	50	U	-	-	50	U	50	U	50	U	7.2	J	50	U	-	-
Benzyl Alcohol	100-51-6		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
Carbazole	86-74-8		ug/l	2	U	-	-	2	U	2	U	2	U	2	U	2	U	-	-
Semivolatile Organics by GC/MS-SIM																			
Acenaphthene	83-32-9	20	ug/l	-	-	-	-	0.1	U	0.01	J	0.1	U	0.1	U	0.1	U	-	-
2-Chloronaphthalene	91-58-7	10	ug/l	-	-	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-
Fluoranthene	206-44-0	50	ug/l	-	-	-	-	0.1	U	0.03	J	0.14		0.1	U	0.1	U	-	-
Hexachlorobutadiene	87-68-3	0.5	ug/l	-	-	-	-	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	-	-
Naphthalene	91-20-3	10	ug/l	-	-	-	-	0.1	J	1.5		0.1		0.05	J	0.1	U	-	-
Benzo(a)anthracene	56-55-3	0.002	ug/l	-	-	-	-	0.05	U	0.05	U	0.06		0.05	U	0.05	U	-	-
Benzo(a)pyrene	50-32-8	0	ug/l	-	-	-	-	0.1	U	0.02	J	0.07	J	0.1	U	0.1	U	-	-
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	-	-	-	-	0.02	J	0.03	J	0.11		0.01	J	0.05	U	-	-
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	-	-	-	-	0.01	J	0.02	J	0.04	J	0.1	U	0.01	J	-	-
Chrysene	218-01-9	0.002	ug/l	-	-	-	-	0.1	U	0.02	J	0.08	J	0.1	U	0.1	U	-	-
Acenaphthylene	208-96-8		ug/l	-	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-
Anthracene	120-12-7	50	ug/l	-	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-
Benzo(ghi)perylene	191-24-2		ug/l	-	-	-	-	0.01	J	0.02	J	0.03	J	0.1	U	0.02	J	-	-
Fluorene	86-73-7	50	ug/l	-	-	-	-	0.1	U	0.02	J	0.1	U	0.1	U	0.1	U	-	-
Phenanthrene	85-01-8	50	ug/l	-	-	-	-	0.05	U	0.03	J	0.07		0.03	J	0.05	U	-	-
Dibenzo(a,h)anthracene	53-70-3		ug/l	-	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.03	J	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	-	-	-	-	0.01	J	0.01	J	0.04	J	0.1	U	0.02	J	-	-
Pyrene	129-00-0	50	ug/l	-	-	-	-	0.1	U	0.02	J	0.12		0.1	U	0.1	U	-	-
2-Methylnaphthalene	91-57-6		ug/l	-	-	-	-	0.02	J	0.21		0.1	U	0.1	U	0.1	U	-	-
Pentachlorophenol	87-86-5	1	ug/l	-	-	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	-	-
Hexachlorobenzene	118-74-1	0.04	ug/l	-	-	-	-	0.02	U	0.02	J	0.02	U	0.02	J	0.02	U	-	-
Hexachloroethane	67-72-1	5	ug/l	-	-	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-
Total Metals																			
Aluminum, Total	7429-90-5		ug/l	100	U	-	-	39000		22600		17400		84400		10	U	-	-
Antimony, Total	7440-36-0	3	ug/l	13	J	-	-	1.01	J	0.65	J	0.7	J	1.11	J	1.33	J	-	-
Arsenic, Total	7440-38-2	25	ug/l	2	J	-	-	4.04		2.64		2.77		7.9		0.5	U	-	-
Barium, Total	7440-39-3	1000	ug/l	10	U	-	-	560.8		323		460.3		588.8		0.74		-	-
Beryllium, Total	7440-41-7	3	ug/l	5	U	-	-	2.65		1.19		3.15		3.9		0.5	U	-	-
Cadmium, Total	7440-43-9	5	ug/l	5	U	-	-	0.82		0.77		2.24		1.35		0.2	U	-	-

TABLE 4: GROUNDWATER SAMPLING RESULTS (5-10-18)

LOCATION				FIELD BLANK		TRIP BLANK		B-1 GW		B-2 GW		B-3 GW		B-4 GW		FIELD BLANK		TRIP BLANK	
SAMPLING DATE				5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID				L1817249-09		L1817249-10		L1817253-01		L1817253-02		L1817253-03		L1817253-04		L1817253-05		L1817253-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)				NA		NA		29		28		29		29		NA		NA	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Calcium, Total	7440-70-2		ug/l	100	U	-	-	128000		199000		97500		571000		100	U	-	-
Chromium, Total	7440-47-3	50	ug/l	10	U	-	-	333.9		120.7		531.8		990.9		0.23	J	-	-
Cobalt, Total	7440-48-4		ug/l	20	U	-	-	93.65		35.51		68.68		143.8		0.5	U	-	-
Copper, Total	7440-50-8	200	ug/l	10	U	-	-	141.7		52.06		215.9		291.7		1	U	-	-
Iron, Total	7439-89-6	300	ug/l	50	U	-	-	79300		45200		68000		107000		23.4	J	-	-
Lead, Total	7439-92-1	25	ug/l	10	U	-	-	46.58		23.68		812		75.18		1	U	-	-
Magnesium, Total	7439-95-4	35000	ug/l	100	U	-	-	70400		70900		27100		70800		70	U	-	-
Manganese, Total	7439-96-5	300	ug/l	10	U	-	-	6584		16450		16330		12120		1	U	-	-
Mercury, Total	7439-97-6	0.7	ug/l	0.2	U	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	-	-
Nickel, Total	7440-02-0	100	ug/l	25	U	-	-	143.8		52.42		100.4		231.5		2	U	-	-
Potassium, Total	7440-09-7		ug/l	2500	U	-	-	12200		15900		12700		43700		100	U	-	-
Selenium, Total	7782-49-2	10	ug/l	10	U	-	-	9.06		2.29	J	3.94	J	11.9		5	U	-	-
Silver, Total	7440-22-4	50	ug/l	7	U	-	-	0.17	J	0.4	U	0.18	J	0.73		0.4	U	-	-
Sodium, Total	7440-23-5	20000	ug/l	2000	U	-	-	83600		148000		359000		2040000		100	U	-	-
Thallium, Total	7440-28-0	0.5	ug/l	20	U	-	-	0.54		0.43	J	0.56		1.06		0.5	U	-	-
Vanadium, Total	7440-62-2		ug/l	10	U	-	-	96.35		59.61		66.28		111.7		5	U	-	-
Zinc, Total	7440-66-6	2000	ug/l	50	U	-	-	204.2		99.36		139		154		10	U	-	-
Volatile Organics by GC/MS																			
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.2	J	2.5	U	2.5	U	2.5	U	2.5	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	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	7.6		6.5		2.5	U	1.5	J	2.5	U	2.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	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	U	1	U	1	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	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	1.5	U	1.5	U	1.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	36		9.5		13		1.1		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	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	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	0.5	U	0.5	U	0.5	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	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	0.5	U	0.5	U	0.5	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	0.5	U	0.5	U	0.5	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	0.5	U	0.5	U	0.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	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	2.5	U	2.5	U	2.5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	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	0.5	U	0.5	U	0.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.31	J	12		2.9		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	0.78	J	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	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	0.92	J	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	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	0.2	J	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	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	3		13		2.7		0.5	U	0.5	U	0.5	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	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	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	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.9		2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.9		2.5	U	2.5	U	2.5	U	2.5	U

TABLE 4: GROUNDWATER SAMPLING RESULTS (5-10-18)

LOCATION				FIELD BLANK		TRIP BLANK		B-1 GW		B-2 GW		B-3 GW		B-4 GW		FIELD BLANK		TRIP BLANK	
SAMPLING DATE				5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID				L1817249-09		L1817249-10		L1817253-01		L1817253-02		L1817253-03		L1817253-04		L1817253-05		L1817253-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)				NA		NA		29		28		29		29		NA		NA	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.3	J	11		2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.3	J	11		2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	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	2.5	U	2.5	U	2.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	ug/l	5	U	5	U	4.6	J	22		7.7		3.6	J	1.9	J	5	U
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	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	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	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	2.5	U	2.5	U	2.5	U
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	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	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	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	2.4	J	1.3	J	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	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	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	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	1.2	J	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	0.79	J	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	4.2		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	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	2.5	U	2.5	U	2.5	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	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.3	J	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	4.5		2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2.6		2	U	2	U	2	U	2	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2.7		2	U	2	U	2	U	2	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	20		0.6	J	2	U	2	U	2	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	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	2.5	U	2.5	U	2.5	U

Notes:

AWQS: NY TOGS 111 Class GA Ambient Groundwater Quality Standards

Exceedances of AWQS highlighted in yellow

U Not detected

J Estimated concentration

ug/l micrograms/liter or parts per billion (ppb)

TABLE 5: SOIL GAS VAPOR SAMPLING RESULTS (5-10-18)

LOCATION						SV-1		SV-2		SV-3		SV-4		SV-D		AA-1		
SAMPLING DATE						5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		
LAB SAMPLE ID						L1817269-01		L1817269-02		L1817269-03		L1817269-04		L1817269-05		L1817269-06		
SAMPLE TYPE						SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR		
SAMPLE DEPTH						5		5		5		5		5		NA		
						CasNum	SSC-A	SSC-B	SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
atile Organics in Air																		
Dichlorodifluoromethane						75-71-8				ug/m3	62.8	U	1.88		20.9		1.96	
Chloromethane						74-87-3				ug/m3	26.2	U	1.28		1.53		0.938	
1,2-Dichloro-1,1,2,2-tetrafluoroethane						76-14-2				ug/m3	88.8	U	2	U	1.4	U	1.4	U
Vinyl chloride						75-01-4			6	ug/m3	1420		4.96		0.511	U	0.511	U
1,3-Butadiene						106-99-0				ug/m3	28.1	U	18.3		2.09		36.3	
Bromomethane						74-83-9				ug/m3	49.3	U	1.11	U	0.777	U	0.777	U
Chloroethane						75-00-3				ug/m3	33.5	U	2.14		0.528	U	0.528	U
Ethyl Alcohol						64-17-5				ug/m3	599	U	13.5	U	10.3		9.42	U
Vinyl bromide						593-60-2				ug/m3	55.5	U	1.25	U	0.874	U	0.874	U
Acetone						67-64-1				ug/m3	151	U	89.3		118		196	
Trichlorofluoromethane						75-69-4				ug/m3	71.4	U	1.61	U	1.28		1.12	U
iso-Propyl Alcohol						67-63-0				ug/m3	78.2	U	2.15		3.66		3.98	
1,1-Dichloroethene						75-35-4	6			ug/m3	89.6		1.13	U	0.793	U	0.793	U
tert-Butyl Alcohol						75-65-0				ug/m3	96.4	U	6.37		12.1		11	
Methylene chloride						75-09-2		100		ug/m3	110	U	2.48	U	1.74	U	1.74	U
3-Chloropropene						107-05-1				ug/m3	39.8	U	0.895	U	0.626	U	0.626	U
Carbon disulfide						75-15-0				ug/m3	39.5	U	14.2		2.55		35.5	
1,1,2-Trichloro-1,2,2-Trifluoroethane						76-13-1				ug/m3	97.3	U	2.19	U	1.53	U	1.53	U
trans-1,2-Dichloroethene						156-60-5				ug/m3	317		10.2		0.793	U	0.793	U
1,1-Dichloroethane						75-34-3				ug/m3	51.4	U	1.16	U	0.809	U	0.809	U
Methyl tert butyl ether						1634-04-4				ug/m3	45.8	U	1.03	U	0.721	U	0.721	U
2-Butanone						78-93-3				ug/m3	93.8	U	28.3		34.2		61.6	
cis-1,2-Dichloroethene						156-59-2	6			ug/m3	14600		125		0.793	U	0.793	U
Ethyl Acetate						141-78-6				ug/m3	115	U	2.57	U	1.8	U	1.8	U
Chloroform						67-66-3				ug/m3	62	U	49.8		0.977	U	2.66	
Tetrahydrofuran						109-99-9				ug/m3	93.8	U	2.11	U	2.75		4.16	
1,2-Dichloroethane						107-06-2				ug/m3	51.4	U	1.16	U	0.809	U	0.809	U
n-Hexane						110-54-3				ug/m3	71.9		20.6		9.66		22.5	
1,1,1-Trichloroethane						71-55-6		100		ug/m3	69.3	U	1.56	U	1.09	U	1.09	U
Benzene						71-43-2				ug/m3	64.5		9.78		4.22		16.7	
Carbon tetrachloride						56-23-5	6			ug/m3	79.9	U	1.8	U	1.26	U	1.26	U
Cyclohexane						110-82-7				ug/m3	64.7		3.61		2.5		3.23	
1,2-Dichloropropane						78-87-5				ug/m3	58.7	U	1.32	U	0.924	U	0.924	U
Bromodichloromethane						75-27-4				ug/m3	85.1	U	3.28		1.34	U	1.34	U
1,4-Dioxane						123-91-1				ug/m3	45.8	U	1.03	U	0.721	U	0.721	U
Trichloroethene						79-01-6	6			ug/m3	29600		470		1.25		1.07	U
2,2,4-Trimethylpentane						540-84-1				ug/m3	59.3	U	1.34	U	0.934	U	0.934	U
Heptane						142-82-5				ug/m3	60.2		14.6		10.3		15.7	
cis-1,3-Dichloropropene						10061-01-5				ug/m3	57.7	U	1.3	U	0.908	U	0.908	U
4-Methyl-2-pentanone						108-10-1				ug/m3	130	U	2.93	U	2.05	U	2.05	U
trans-1,3-Dichloropropene						10061-02-6				ug/m3	57.7	U	1.3	U	0.908	U	0.908	U
1,1,2-Trichloroethane						79-00-5				ug/m3	69.3	U	1.56	U	1.09	U	1.09	U
Toluene						108-88-3				ug/m3	47.9	U	19.4		19.3		27.7	
2-Hexanone						591-78-6				ug/m3	52	U	1.17	U	0.82	U	0.82	U

TABLE 5: SOIL GAS VAPOR SAMPLING RESULTS (5-10-18)

LOCATION						SV-1		SV-2		SV-3		SV-4		SV-D		AA-1	
SAMPLING DATE						5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018		5/10/2018	
LAB SAMPLE ID						L1817269-01		L1817269-02		L1817269-03		L1817269-04		L1817269-05		L1817269-06	
SAMPLE TYPE						SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR	
SAMPLE DEPTH						5		5		5		5		5		NA	
	CasNum	SSC-A	SSC-B	SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Dibromochloromethane	124-48-1				ug/m3	108	U	2.44	U	1.7	U	1.7	U	1.7	U	1.7	U
1,2-Dibromoethane	106-93-4				ug/m3	97.6	U	2.2	U	1.54	U	1.54	U	1.54	U	1.54	U
Tetrachloroethene	127-18-4		100		ug/m3	37300		452		18		3.43		5.8		-	-
Chlorobenzene	108-90-7				ug/m3	58.5	U	1.32	U	0.921	U	0.921	U	0.921	U	0.921	U
Ethylbenzene	100-41-4				ug/m3	55.2	U	3.31		2.83		3.41		3.01		0.869	U
p/m-Xylene	179601-23-1				ug/m3	110	U	12.4		9.99		12.3		10.4		1.74	U
Bromoform	75-25-2				ug/m3	131	U	2.96	U	2.07	U	2.07	U	2.07	U	2.07	U
Styrene	100-42-5				ug/m3	54.1	U	1.22	U	0.852	U	1.03		0.86		0.852	U
1,1,2,2-Tetrachloroethane	79-34-5				ug/m3	87.2	U	1.96	U	1.37	U	1.37	U	1.37	U	1.37	U
o-Xylene	95-47-6				ug/m3	55.2	U	4.39		3.36		4.21		3.29		0.869	U
4-Ethyltoluene	622-96-8				ug/m3	62.4	U	1.6		1.42		1.31		0.983	U	0.983	U
1,3,5-Trimethylbenzene	108-67-8				ug/m3	62.4	U	1.77		1.62		1.2		0.983	U	0.983	U
1,2,4-Trimethylbenzene	95-63-6				ug/m3	62.4	U	6.29		5.46		4.27		3.23		0.983	U
Benzyl chloride	100-44-7				ug/m3	65.8	U	1.48	U	1.04	U	1.04	U	1.04	U	1.04	U
1,3-Dichlorobenzene	541-73-1				ug/m3	76.4	U	1.72	U	1.2	U	1.2	U	1.2	U	1.2	U
1,4-Dichlorobenzene	106-46-7				ug/m3	76.4	U	1.72	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichlorobenzene	95-50-1				ug/m3	76.4	U	1.72	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	120-82-1				ug/m3	94.3	U	2.12	U	1.48	U	1.48	U	1.48	U	1.48	U
Hexachlorobutadiene	87-68-3				ug/m3	135	U	3.05	U	2.13	U	2.13	U	2.13	U	2.13	U
Volatile Organics in Air by SIM																	
Vinyl chloride	75-01-4			6	ug/m3	-	-	-	-	-	-	-	-	-	-	0.051	U
1,1-Dichloroethene	75-35-4	6			ug/m3	-	-	-	-	-	-	-	-	-	-	0.079	U
cis-1,2-Dichloroethene	156-59-2	6			ug/m3	-	-	-	-	-	-	-	-	-	-	0.079	U
1,1,1-Trichloroethane	71-55-6		100		ug/m3	-	-	-	-	-	-	-	-	-	-	0.109	U
Carbon tetrachloride	56-23-5	6			ug/m3	-	-	-	-	-	-	-	-	-	-	0.377	
Trichloroethene	79-01-6	6			ug/m3	-	-	-	-	-	-	-	-	-	-	0.107	U
Tetrachloroethene	127-18-4		100		ug/m3	-	-	-	-	-	-	-	-	-	-	0.339	

Notes:

ug/m3 micrograms per cubic meter

SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

Values exceeding applicable NYSDOH Matrix are highlighted in yellow.

TABLE 6: SOIL GAS VAPOR SAMPLING RESULTS (August 16 to 17, 2018)

LOCATION						SV-5	SV-6	SV-7	SV-8	SV-9	SV-10	SV-11	SV-7D	AA-1	AA-2										
SAMPLING DATE						8/17/2018	8/17/2018	8/17/2018	8/16/2018	8/16/2018	8/16/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018										
LAB SAMPLE ID						L1832570-01	L1832570-02	L1832570-03	L1832570-04	L1832570-05	L1832570-06	L1832570-07	L1832570-08	L1832570-09	L1832570-10										
SAMPLE TYPE						SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	AIR	AIR										
SAMPLE DEPTH (ft.)						27	27	27	27	27	27	0.5	27	NA	NA										
	CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual										
atile Organics in Air																									
Dichlorodifluoromethane	75-71-8				ug/m3	9.89	U	9.89	U	4.94	U	4.94	U	38	2.98	2.24	2.81	2.06	2.34						
Chloromethane	74-87-3				ug/m3	4.13	U	4.85		2.07	U	6.03		2.4	1.22	1.85	0.826	U	3.39	0.991					
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2				ug/m3	14	U	14	U	6.99	U	6.99	U	1.4	U	1.4	U	2.8	U	1.4	U				
Vinyl chloride	75-01-4				6 ug/m3	5.11	U	5.11	U	2.56	U	2.56	U	0.511	U	0.511	U	1.02	U	0.511	U				
1,3-Butadiene	106-99-0				ug/m3	108		76.1		46.5		126		10.9	3.14	0.885	U	14.3		1.03	0.442	U			
Bromomethane	74-83-9				ug/m3	7.77	U	7.77	U	3.88	U	3.88	U	0.777	U	0.777	U	1.55	U	1.55	U	0.777	U		
Chloroethane	75-00-3				ug/m3	5.28	U	5.28	U	2.64	U	2.64	U	0.528	U	0.528	U	1.06	U	1.06	U	0.528	U		
Ethyl Alcohol	64-17-5				ug/m3	200		102		148		135		59.7		42.6		31.8		93.6		168		44.1	
Vinyl bromide	593-60-2				ug/m3	8.74	U	8.74	U	4.37	U	4.37	U	0.874	U	0.874	U	1.75	U	1.75	U	0.874	U	0.874	U
Acetone	67-64-1				ug/m3	58.4		23.8		194		523		451		130		65.3		218		66		18.9	
Trichlorofluoromethane	75-69-4				ug/m3	11.2	U	11.2	U	5.62	U	5.62	U	1.62		1.7		2.25	U	2.25	U	1.19		1.28	
iso-Propyl Alcohol	67-63-0				ug/m3	36.4		25.8		22		36.9		18.9		1.23	U	10.1		18.7		121		3.15	
1,1-Dichloroethene	75-35-4		6		ug/m3	7.93	U	7.93	U	3.96	U	3.96	U	0.793	U	0.793	U	1.59	U	1.59	U	0.793	U	0.793	U
tert-Butyl Alcohol	75-65-0				ug/m3	50.6		31.2		38.2		104		75.8		26		13.1		50.3		1.52	U	1.52	U
Methylene chloride	75-09-2			100	ug/m3	17.4	U	17.4	U	8.69	U	8.69	U	3.89		3.45		3.47	U	3.47	U	2.11		1.74	U
3-Chloropropene	107-05-1				ug/m3	6.26	U	6.26	U	3.13	U	3.13	U	0.626	U	0.626	U	1.25	U	1.25	U	0.626	U	0.626	U
Carbon disulfide	75-15-0				ug/m3	7.19		26.2		6.79		8.59		10.8		3.49		2.25		8.41		0.794		0.623	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1				ug/m3	15.3	U	15.3	U	7.66	U	7.66	U	1.53	U	1.53	U	3.07	U	3.07	U	1.53	U	1.53	U
trans-1,2-Dichloroethene	156-60-5				ug/m3	7.93	U	7.93	U	3.96	U	3.96	U	0.793	U	0.793	U	1.59	U	1.59	U	0.793	U	0.793	U
1,1-Dichloroethane	75-34-3				ug/m3	8.09	U	8.09	U	4.05	U	4.05	U	0.809	U	0.809	U	1.62	U	1.62	U	0.809	U	0.809	U
Methyl tert butyl ether	1634-04-4				ug/m3	7.21	U	7.21	U	3.61	U	3.61	U	0.721	U	0.721	U	1.44	U	1.44	U	0.721	U	0.721	U
2-Butanone	78-93-3				ug/m3	33		21.1		20.4		33		24.2		9.56		3.89		26.1		3.98		2.07	
cis-1,2-Dichloroethene	156-59-2		6		ug/m3	7.93	U	7.93	U	3.96	U	3.96	U	0.793	U	0.793	U	2.84		1.59	U	0.793	U	0.793	U
Ethyl Acetate	141-78-6				ug/m3	18	U	18	U	9.01	U	9.01	U	2.45		2.09		3.6	U	3.6	U	20.5		1.8	U
Chloroform	67-66-3				ug/m3	9.77	U	9.77	U	5.18		15.2		0.977	U	58.1		18		4.52		30		0.977	U
Tetrahydrofuran	109-99-9				ug/m3	14.7	U	14.7	U	7.37	U	7.37	U	5.31		4.1		2.95	U	14.9		1.5		1.47	U
1,2-Dichloroethane	107-06-2				ug/m3	8.09	U	8.09	U	4.05	U	4.05	U	2.45		1.23		1.62	U	1.97		0.809	U	0.809	U
n-Hexane	110-54-3				ug/m3	113		106		84.2		102		40.2		44.4		21.2		30.2		1.56		0.705	U
1,1,1-Trichloroethane	71-55-6			100	ug/m3	10.9	U	10.9	U	5.46	U	5.46	U	1.09	U	1.09	U	2.18	U	2.18	U	1.09	U	1.09	U
Benzene	71-43-2				ug/m3	27.8		33.9		26.5		33.5		25.3		22.6		7.38		19.8		1.64		0.744	
Carbon tetrachloride	56-23-5		6		ug/m3	12.6	U	12.6	U	6.29	U	6.29	U	1.26	U	1.26	U	2.52	U	2.52	U	1.28	U	1.28	U
Cyclohexane	110-82-7				ug/m3	31.8		101		16.2		18.9		10.6		12.1		5.51		7.4		0.688	U	0.688	U
1,2-Dichloropropane	78-87-5				ug/m3	9.24	U	9.24	U	4.62	U	4.62	U	0.924	U	0.924	U	1.85	U	1.85	U	0.924	U	0.924	U
Bromodichloromethane	75-27-4				ug/m3	13.4	U	13.4	U	6.7	U	6.7	U	1.34	U	1.34	U	2.68	U	2.68	U	2.45		1.34	U
1,4-Dioxane	123-91-1				ug/m3	7.21	U	7.21	U	3.6	U	3.6	U	0.721	U	0.721	U	1.44	U	1.44	U	0.721	U	0.721	U
Trichloroethene	79-01-6		6		ug/m3	10.7	U	10.7	U	5.37	U	5.37	U	1.07	U	1.07	U	27.2		2.15	U	1.07	U	1.07	U
2,2,4-Trimethylpentane	540-84-1				ug/m3	9.34	U	9.34	U	18.6		25.1		14.4		15.3		7.99		9.58		0.995		0.934	U
Heptane	142-82-5				ug/m3	27		29.3		29.1		32.9		17.5		19.6		9.18		12.2		0.82	U	0.82	U
cis-1,3-Dichloropropene	10061-01-5				ug/m3	9.08	U	9.08	U	4.54	U	4.54	U	0.908	U	0.908	U	1.82	U	1.82	U	0.908	U	0.908	U
4-Methyl-2-pentanone	108-10-1				ug/m3	20.5	U	20.5	U	10.2	U	10.2	U	2.05	U	2.1		4.1	U	4.1	U	2.05	U	2.05	U
trans-1,3-Dichloropropene	10061-02-6				ug/m3	9.08	U	9.08	U	4.54	U	4.54	U	0.908	U	0.908	U	1.82	U	1.82	U	0.908	U	0.908	U
1,1,2-Trichloroethane	79-00-5				ug/m3	10.9	U	10.9	U	5.46	U	5.46	U	1.09	U	1.09	U	2.18	U	2.18	U	1.09	U	1.09	U
Toluene	108-88-3				ug/m3	82.2		71.6		77.6		119		122		92.7		45.2		67.5		18.3		2.2	
2-Hexanone	591-78-6				ug/m3	8.2	U	8.2	U	4.1	U	4.1	U	1.56		1.03		1.64	U	1.64	U	0.82	U	0.82	U
Dibromochloromethane	124-48-1				ug/m3	17	U	17	U	8.52	U	8.52	U	1.7	U	1.7	U	3.41	U	3.41	U	1.7	U	1.7	U
1,2-Dibromoethane	106-93-4				ug/m3	15.4	U	15.4	U	7.69	U	7.69	U	1.54	U	1.54	U	3.07	U	3.07	U	1.54	U	1.54	U
Tetrachloroethene	127-18-4			100	ug/m3	13.6	U	13.6	U	47.7		6.78	U	2.41		1.36	U	7.53		4.84		3.4		1.36	U
Chlorobenzene	108-90-7				ug/m3	9.21	U	9.21	U	4.61	U	4.61	U	0.921	U	0.921	U	1.84	U	1.84	U	0.921	U	0.921	U
Ethylbenzene	100-41-4				ug/m3	16.9		16.5		15.8		25.5		32.6		22.8		11.7		21.2		0.869	U	0.869	U
p/m-Xylene	179601-23-1				ug/m3	54.3		53		49.5		95.6		68.6		39.7		57.8		2.18		1.74		1.74	U
Bromoform	75-25-2				ug/m3	20.7	U	20.7	U	10.3	U	10.3	U	2.07	U	2.07	U	4.14	U	4.14	U	2.07	U	2.07	U
Styrene	100-42-5				ug/m3	22.9		26.7		25.1		29.3		79.2		47.7		1.7	U	58.8		1.17		0.852	U
1,1,2,2-Tetrachloroethane	79-34-5				ug/m3	13.7	U	13.7	U	6.87	U	6.87	U	1.37	U	1.37	U	2.75	U	2.75	U	1.37	U	1.37	U
o-Xylene	95-47-6				ug/m3	20.6		20.6		18		30.2		34.1		24.2		14.6		21.5		0.869	U	0.869	U
4-Ethyltoluene	622-96-8				ug/m3	9.83	U	9.83	U	5.11		9.73		11		6.98		5.75		6.64		0.983	U	0.983	U
1,3,5-Trimethylbenzene	108-67-8				ug/m3	9.83	U	9.83	U	5.85		10.2		12.9		8.01		5.01		8.31		0.983	U	0.983	U
1,2,4-Trimethylbenzene	95-63-6				ug/m3	25		28.5		21.1		37.5		45.3		28.1		20.2		29.4		1.19		0.983	U
Benzyl chloride	100-44-7				ug/m3	10.4	U	10.4	U	5.18	U	5.18	U	1.04	U	1.04	U	2.07	U	2.07	U	1.04	U	1.04	U
1,3-Dichlorobenzene	541-73-1				ug/m3	12	U	12	U	6.01	U	6.01	U	1.2	U	1.2	U	2.4	U	2.4	U	1.2	U	1.2	U
1,4-Dichlorobenzene	106-46-7				ug/m3	12	U	12	U	6.01	U	7.15		12.5		6.01		2.4	U	7.27		3.73		1.2	U
1,2-Dichlorobenzene	95-50-1				ug/m3	12	U	12	U	6.01	U	6.01	U	1.2	U	1.2	U	2.4	U	2.4	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	120-82-1				ug/m3	14.8	U	14.8	U	7.42	U	7.42	U	1.48	U	1.48	U	2.97</							

TABLE 6: SOIL GAS VAPOR SAMPLING RESULTS (August 16 to 17, 2018)

LOCATION										SV-5		SV-6		SV-7		SV-8		SV-9		SV-10		SV-11		SV-7D		AA-1		AA-2				
SAMPLING DATE										8/17/2018		8/17/2018		8/17/2018		8/16/2018		8/16/2018		8/16/2018		8/17/2018		8/17/2018		8/17/2018		8/17/2018				
LAB SAMPLE ID										L1832570-01		L1832570-02		L1832570-03		L1832570-04		L1832570-05		L1832570-06		L1832570-07		L1832570-08		L1832570-09		L1832570-10				
SAMPLE TYPE										SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR		AIR				
SAMPLE DEPTH (ft.)										27		27		27		27		27		27		0.5		27		NA		NA				
										CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
Hexachlorobutadiene										87-68-3				ug/m3	21.3	U	21.3	U	10.7	U	10.7	U	2.13	U	2.13	U	4.27	U	4.27	U	2.13	U

Notes:
ug/m3 micrograms per cubic meter
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
Values exceeding applicable NYSDOH Matirx are highlighted in yellow

Table 1
Sampling Summary (Update 12/5/18)

Location	Date	Total Depth (fbgs)	Depth to Water (fbgs)	Sample #	Type	Analyses
B-1	5/10/2018	35	29	B-1A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-1GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-2	5/10/2018	35	28	B-2A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-2B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-2GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-3	5/10/2018	35	29	B-3A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-3B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-3GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-4	5/10/2018	35	29	B-4A	S	VO, SVOC, Pest., PCBs, Metals, H
				B-4B	S	VO, SVOC, Pest., PCBs, Metals, H
				B-DUP1	S	VO, SVOC, Pest., PCBs, Metals, H
				B-4GW	GW	VO, SVOC, Pest., PCBs, Metals (u/f), H
B-5	8/17/2018	28	NE	B-5A	S	VO, SVOC, Pest., PCBs, Metals
				B-5B	S	VO, SVOC, Pest., PCBs, Metals
B-6	8/17/2018	28	NE	B-6A	S	VO, SVOC, Pest., PCBs, Metals
				B-6B	S	VO, SVOC, Pest., PCBs, Metals
B-7	8/17/2018	28	NE	B-7A	S	VO, SVOC, Pest., PCBs, Metals
				B-7B	S	VO, SVOC, Pest., PCBs, Metals
B-8	8/16/2018	28	NE	B-8A	S	VO, SVOC, Pest., PCBs, Metals
				B-8B	S	VO, SVOC, Pest., PCBs, Metals
B-9	8/16/2018	28	NE	B-9A	S	VO, SVOC, Pest., PCBs, Metals
				B-9B	S	VO, SVOC, Pest., PCBs, Metals
B-10	8/16/2018	28	NE	B-10A	S	VO, SVOC, Pest., PCBs, Metals
				B-10B	S	VO, SVOC, Pest., PCBs, Metals
				B-DUP2	S	VO, SVOC, Pest., PCBs, Metals
SV-1	5/10/2018	5	NE	SV-1	SV	VO (TO-15)
SV-1R	10/16/2018	8	NE	SV-1R	SV	VO (TO-15)
SV-2	5/10/2018	5	NE	SV-2	SV	VO (TO-15)
SV-3	5/10/2018	5	NE	SV-3	SV	VO (TO-15)
SV-4	5/10/2018	5	NE	SV-4	SV	VO (TO-15)
SV-D	5/10/2018	5	NE	SV-D	SV	VO (TO-15)
SV-5	8/17/2018	27	NE	SV-5	SV	VO (TO-15)
SV-5R	10/16/2018	8	NE	SV-5R	SV	VO (TO-15)
SV-6	8/17/2018	27	NE	SV-6	SV	VO (TO-15)

Table 1
Sampling Summary (Update 12/5/18)

Location	Date	Total Depth (fbgs)	Depth to Water (fbgs)	Sample #	Type	Analyses
SV-7	8.17/2018	27	NE	SV-7	SV	VO (TO-15)
SV-7D	8/17/2018	27	NE	SV-7D	SV	VO (TO-15)
SV-8	8/16/2018	27	NE	SV-8	SV	VO (TO-15)
SV-9	8/16/2018	27	NE	SV-9	SV	VO (TO-15)
SV-10	8/16/2018	27	NE	SV-10	SV	VO (TO-15)
SV-11	8/17/18	27	NE	SV-11	SV	VO (TO-15)
SV-12	10/16/18	8	NE	SV-12	SV	VO (TO-15)
AA-1	5/10/2018	NA	NA	AA-1	AA	VO (TO-15)
AA-1	8/17/2018	0.5	NA	AA-1	IA	VO (TO-15)
AA-2	8/17/2018	NA	NA	AA-2	AA	VO (TO-15)

Notes:

fbgs feet below ground surface

S Soil

GW Groundwater

SV Soil Gas Vapor

AA Ambient Air

IA Indoor Air

NE Not Encountered

NA Not applicable

u/f unfiltered and filtered groundwater samples

VO Volatile Organics by Method 8260 (for soil, groundwater and sludge samples)

SVOC Semi-Volatile Organic Compounds by Method 8270

Pest. Pesticides by Method 8081

PCBs Polychlorinated Biphenyls by Method 8082

H Herbicides by Method 8151

Metals TAL Metals by Method 6020/7471

TO-15 Volatile Organics by Method TO-15 (for soil gas vapor and ambient air samples)

LOCATION						SV-1R		
SAMPLING DATE						10/16/2018		
LAB SAMPLE ID						L1841978-01		
SAMPLE TYPE						SOIL_VAPOR		
SAMPLE DEPTH (ft.)								
		CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual
Volatile Organics in Air								
Dichlorodifluoromethane	75-71-8					ug/m3	3.16	-
Chloromethane	74-87-3					ug/m3	4.81	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2					ug/m3	2.8	U
Vinyl chloride	75-01-4				6	ug/m3	1.02	U
1,3-Butadiene	106-99-0					ug/m3	56	-
Bromomethane	74-83-9					ug/m3	1.55	U
Chloroethane	75-00-3					ug/m3	1.06	U
Ethyl Alcohol	64-17-5					ug/m3	31.1	-
Vinyl bromide	593-60-2					ug/m3	1.75	U
Acetone	67-64-1					ug/m3	113	-
Trichlorofluoromethane	75-69-4					ug/m3	2.25	U
iso-Propyl Alcohol	67-63-0					ug/m3	2.46	U
1,1-Dichloroethene	75-35-4		6			ug/m3	1.59	U
tert-Butyl Alcohol	75-65-0					ug/m3	6.58	-
Methylene chloride	75-09-2			100		ug/m3	3.47	U
3-Chloropropene	107-05-1					ug/m3	1.25	U
Carbon disulfide	75-15-0					ug/m3	10.7	-
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1					ug/m3	3.07	U
trans-1,2-Dichloroethene	156-60-5					ug/m3	1.59	U
1,1-Dichloroethane	75-34-3					ug/m3	1.62	U
Methyl tert butyl ether	1634-04-4					ug/m3	1.44	U
2-Butanone	78-93-3					ug/m3	238	-
cis-1,2-Dichloroethene	156-59-2		6			ug/m3	1.59	U
Ethyl Acetate	141-78-6					ug/m3	3.6	U
Chloroform	67-66-3					ug/m3	17.6	-
Tetrahydrofuran	109-99-9					ug/m3	2.95	U
1,2-Dichloroethane	107-06-2					ug/m3	1.62	U
n-Hexane	110-54-3					ug/m3	30.8	-
1,1,1-Trichloroethane	71-55-6			100		ug/m3	2.18	U
Benzene	71-43-2					ug/m3	46	-
Carbon tetrachloride	56-23-5		6			ug/m3	2.52	U
Cyclohexane	110-82-7					ug/m3	18.8	-
1,2-Dichloropropane	78-87-5					ug/m3	1.85	U
Bromodichloromethane	75-27-4					ug/m3	2.68	U
1,4-Dioxane	123-91-1					ug/m3	1.44	U
Trichloroethene	79-01-6		6			ug/m3	11.9	-
2,2,4-Trimethylpentane	540-84-1					ug/m3	1.87	U
Heptane	142-82-5					ug/m3	18	-
cis-1,3-Dichloropropene	10061-01-5					ug/m3	1.82	U
4-Methyl-2-pentanone	108-10-1					ug/m3	4.39	-
trans-1,3-Dichloropropene	10061-02-6					ug/m3	1.82	U
1,1,2-Trichloroethane	79-00-5					ug/m3	2.18	U
Toluene	108-88-3					ug/m3	28.5	-
2-Hexanone	591-78-6					ug/m3	11.6	-
Dibromochloromethane	124-48-1					ug/m3	3.41	U
1,2-Dibromoethane	106-93-4					ug/m3	3.07	U
Tetrachloroethene	127-18-4			100		ug/m3	632	-
Chlorobenzene	108-90-7					ug/m3	1.84	U
Ethylbenzene	100-41-4					ug/m3	4.43	-
p/m-Xylene	179601-23-1					ug/m3	13.1	-
Bromoform	75-25-2					ug/m3	4.14	U
Styrene	100-42-5					ug/m3	3.62	-
1,1,2,2-Tetrachloroethane	79-34-5					ug/m3	2.75	U
o-Xylene	95-47-6					ug/m3	6.04	-
4-Ethyltoluene	622-96-8					ug/m3	1.97	U
1,3,5-Trimethylbenzene	108-67-8					ug/m3	1.97	U
1,2,4-Trimethylbenzene	95-63-6					ug/m3	3.07	-
Benzyl chloride	100-44-7					ug/m3	2.07	U
1,3-Dichlorobenzene	541-73-1					ug/m3	2.4	U
1,4-Dichlorobenzene	106-46-7					ug/m3	2.4	U
1,2-Dichlorobenzene	95-50-1					ug/m3	2.4	U
1,2,4-Trichlorobenzene	120-82-1					ug/m3	2.97	U
Hexachlorobutadiene	87-68-3					ug/m3	4.27	U

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

LOCATION							SV-5R		SV-12	
SAMPLING DATE							10/16/2018		10/16/2018	
LAB SAMPLE ID							L1842122-01		L1842122-02	
SAMPLE TYPE							SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)										
		CasNum	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Results	Qual	Results	Qual
Volatile Organics in Air										
	Dichlorodifluoromethane	75-71-8				ug/m3	7.12		3.99	
	Chloromethane	74-87-3				ug/m3	13.1		1.38	U
	1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2				ug/m3	1.4	U	4.66	U
	Vinyl chloride	75-01-4			6	ug/m3	0.603		1.71	U
	1,3-Butadiene	106-99-0				ug/m3	107		40.7	
	Bromomethane	74-83-9				ug/m3	0.777	U	2.59	U
	Chloroethane	75-00-3				ug/m3	1.18		1.76	U
	Ethyl Alcohol	64-17-5				ug/m3	128		48.6	
	Vinyl bromide	593-60-2				ug/m3	0.874	U	2.92	U
	Acetone	67-64-1				ug/m3	86.7		166	
	Trichlorofluoromethane	75-69-4				ug/m3	1.12	U	3.75	U
	iso-Propyl Alcohol	67-63-0				ug/m3	6.37		4.1	U
	1,1-Dichloroethene	75-35-4	6			ug/m3	0.793	U	2.64	U
	tert-Butyl Alcohol	75-65-0				ug/m3	8.55		9.91	
	Methylene chloride	75-09-2		100		ug/m3	1.74	U	5.8	U
	3-Chloropropene	107-05-1				ug/m3	0.626	U	2.09	U
	Carbon disulfide	75-15-0				ug/m3	4.58		3.46	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1				ug/m3	1.53	U	5.11	U
	trans-1,2-Dichloroethene	156-60-5				ug/m3	0.793	U	2.64	U
	1,1-Dichloroethane	75-34-3				ug/m3	0.809	U	2.7	U
	Methyl tert butyl ether	1634-04-4				ug/m3	0.721	U	2.4	U
	2-Butanone	78-93-3				ug/m3	12.2		357	
	cis-1,2-Dichloroethene	156-59-2	6			ug/m3	0.793	U	2.64	U
	Ethyl Acetate	141-78-6				ug/m3	4.94		6.02	U
	Chloroform	67-66-3				ug/m3	2.37		6.1	
	Tetrahydrofuran	109-99-9				ug/m3	3.27		4.93	U
	1,2-Dichloroethane	107-06-2				ug/m3	0.809	U	2.7	U
	n-Hexane	110-54-3				ug/m3	53.2		19	
	1,1,1-Trichloroethane	71-55-6		100		ug/m3	1.09	U	3.64	U
	Benzene	71-43-2				ug/m3	22.5		11.9	
	Carbon tetrachloride	56-23-5	6			ug/m3	1.26	U	4.2	U

Cyclohexane	110-82-7				ug/m3	13.8		5.44
1,2-Dichloropropane	78-87-5				ug/m3	0.924	U	3.08 U
Bromodichloromethane	75-27-4				ug/m3	1.34	U	4.47 U
1,4-Dioxane	123-91-1				ug/m3	0.721	U	2.4 U
Trichloroethene	79-01-6	6			ug/m3	1.07	U	9.35
2,2,4-Trimethylpentane	540-84-1				ug/m3	0.934	U	3.12 U
Heptane	142-82-5				ug/m3	8.24		10
cis-1,3-Dichloropropene	10061-01-5				ug/m3	0.908	U	3.03 U
4-Methyl-2-pentanone	108-10-1				ug/m3	2.05	U	6.84 U
trans-1,3-Dichloropropene	10061-02-6				ug/m3	0.908	U	3.03 U
1,1,2-Trichloroethane	79-00-5				ug/m3	1.09	U	3.64 U
Toluene	108-88-3				ug/m3	10.4		16.8
2-Hexanone	591-78-6				ug/m3	0.82	U	12.4
Dibromochloromethane	124-48-1				ug/m3	1.7	U	5.68 U
1,2-Dibromoethane	106-93-4				ug/m3	1.54	U	5.13 U
Tetrachloroethene	127-18-4		100		ug/m3	1.5		1140
Chlorobenzene	108-90-7				ug/m3	0.921	U	3.07 U
Ethylbenzene	100-41-4				ug/m3	1.46		3.02
p/m-Xylene	179601-23-1				ug/m3	5.73		8.69
Bromoform	75-25-2				ug/m3	2.07	U	6.9 U
Styrene	100-42-5				ug/m3	0.852	U	2.84 U
1,1,1,2-Tetrachloroethane	79-34-5				ug/m3	1.37	U	4.58 U
o-Xylene	95-47-6				ug/m3	2.27		3.76
4-Ethyltoluene	622-96-8				ug/m3	0.983	U	3.28 U
1,3,5-Trimethylbenzene	108-67-8				ug/m3	0.983	U	3.28 U
1,2,4-Trimethylbenzene	95-63-6				ug/m3	2.39		3.28 U
Benzyl chloride	100-44-7				ug/m3	1.04	U	3.45 U
1,3-Dichlorobenzene	541-73-1				ug/m3	1.2	U	4.01 U
1,4-Dichlorobenzene	106-46-7				ug/m3	1.2	U	4.01 U
1,2-Dichlorobenzene	95-50-1				ug/m3	1.2	U	4.01 U
1,2,4-Trichlorobenzene	120-82-1				ug/m3	1.48	U	4.95 U
Hexachlorobutadiene	87-68-3				ug/m3	2.13	U	7.11 U

NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.