

Tables

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GW1-01	GW1-01
		Sample Date	9/26/2018	11/7/2018
		Sample Type	N	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	5.4 U
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	
Color, Unknown	color unit	NS	NS	10
Fecal Coliform	MPN/100 ml	NS	NS	10 U
Total Coliform	per 100 ml	NS	NS	81
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	
Nitrogen, Nitrate (As N)	mg/l	NS	10	
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	0.05 UJ
Nitrogen, Nitrite	mg/l	NS	0.02	0.17 UJ
Odor	t.o.n.	NS	NS	1
pH	ph units	NS	8.5	8
Resistivity	MOHM/CM	NS	NS	
Specific Conductance	umhos/cm	NS	NS	
Temperature	deg c	NS	NS	21.4
Total Dissolved Solids	mg/l	NS	NS	5 U
Total Organic Carbon	mg/l	NS	NS	0.82 J
Turbidity	ntu	NS	NS	3.12

Notes:

- N = Normal Environmental Sample
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- ng/l = nanograms per liter
- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
- pg/l = picogram per liter

Qualifiers:

- J = Reported value is estimated.
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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID		GWI-01	GWI-02
		Sample Date		5/7/2019	9/27/2018
		Sample Type		N	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
General Chemistry					
Asbestos	mfl	NS	NS		18.0 U
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	206	
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS		
COD - Chemical Oxygen Demand	mg/l	NS	NS	7.5 J	
Color, Unknown	color unit	NS	NS		25
Fecal Coliform	MPN/100 ml	NS	NS		10 U
Total Coliform	per 100 ml	NS	NS		1636
Nitrate As Nitrous Oxide	mg/l	NS	NS		0.17 U
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.25 U	
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.21	
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.05 U	
Nitrogen, Nitrate-Nitrite	mg/l	NS	10		0.05 U
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U	0.05 U
Odor	t.o.n.	NS	NS		1 UJ
pH	ph units	NS	8.5	8.1	
Resistivity	MOHM/CM	NS	NS	0.2 U	
Specific Conductance	umhos/cm	NS	NS	590	
Temperature	deg c	NS	NS		
Total Dissolved Solids	mg/l	NS	NS	384	
Total Organic Carbon	mg/l	NS	NS		
Turbidity	ntu	NS	NS		50.8 J

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID		GWI-02	GWI-02
		Sample Date		9/27/2018	11/7/2018
		Sample Type		FD	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
General Chemistry					
Asbestos	mfl	NS	NS	5.4 U	
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS		
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS		
COD - Chemical Oxygen Demand	mg/l	NS	NS		
Color, Unknown	color unit	NS	NS	25	
Fecal Coliform	MPN/100 ml	NS	NS	10 U	
Total Coliform	per 100 ml	NS	NS	2100	
Nitrate As Nitrous Oxide	mg/l	NS	NS	0.17 U	
Nitrogen, Ammonia (As N)	mg/l	NS	NS		
Nitrogen, Kjeldahl, Total	mg/l	NS	NS		
Nitrogen, Nitrate (As N)	mg/l	NS	10		
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	0.05 U	
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U	
Odor	t.o.n.	NS	NS	1 UJ	
pH	ph units	NS	8.5		8.1
Resistivity	MOHM/CM	NS	NS		
Specific Conductance	umhos/cm	NS	NS		
Temperature	deg c	NS	NS		21.7
Total Dissolved Solids	mg/l	NS	NS		
Total Organic Carbon	mg/l	NS	NS		1.4
Turbidity	ntu	NS	NS	6.81 J	

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Table 1
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Hydrogeologic Report

		Location ID		GW1-02	GW1-02
		Sample Date		5/7/2019	5/7/2019
		Sample Type		FD	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
General Chemistry					
Asbestos	mfl	NS	NS		
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	209	217
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS		
COD - Chemical Oxygen Demand	mg/l	NS	NS	10 U	10 U
Color, Unknown	color unit	NS	NS		
Fecal Coliform	MPN/100 ml	NS	NS		
Total Coliform	per 100 ml	NS	NS		
Nitrate As Nitrous Oxide	mg/l	NS	NS		
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.25 U	0.18 J
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.24	0.18 J
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.05 UJ	0.05 U
Nitrogen, Nitrate-Nitrite	mg/l	NS	10		
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 UJ	0.05 U
Odor	t.o.n.	NS	NS		
pH	ph units	NS	8.5	8.1	8.1
Resistivity	MOHM/CM	NS	NS	0.2 U	0.2 U
Specific Conductance	umhos/cm	NS	NS	625	624
Temperature	deg c	NS	NS		
Total Dissolved Solids	mg/l	NS	NS	398	412
Total Organic Carbon	mg/l	NS	NS		
Turbidity	ntu	NS	NS		

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- ng/l = nanograms per liter
- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
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Hydrogeologic Report

		Location ID	GW-03	GW-03
		Sample Date	9/27/2018	11/7/2018
		Sample Type	N	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	1.1 U
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	
Color, Unknown	color unit	NS	NS	10
Fecal Coliform	MPN/100 ml	NS	NS	10 U
Total Coliform	per 100 ml	NS	NS	171
Nitrate As Nitrous Oxide	mg/l	NS	NS	0.17 U
Nitrogen, Ammonia (As N)	mg/l	NS	NS	
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	
Nitrogen, Nitrate (As N)	mg/l	NS	10	
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	0.033 J
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U
Odor	t.o.n.	NS	NS	1 UJ
pH	ph units	NS	8.5	8.9
Resistivity	MOHM/CM	NS	NS	
Specific Conductance	umhos/cm	NS	NS	
Temperature	deg c	NS	NS	21.8
Total Dissolved Solids	mg/l	NS	NS	
Total Organic Carbon	mg/l	NS	NS	1.2
Turbidity	ntu	NS	NS	22.8 J

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- ng/l = nanograms per liter
- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
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Hydrogeologic Report

		Location ID	GWI-03	GWI-03
		Sample Date	11/7/2018	5/7/2019
		Sample Type	FD	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	63.9
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	2 UJ
COD - Chemical Oxygen Demand	mg/l	NS	NS	10 U
Color, Unknown	color unit	NS	NS	
Fecal Coliform	MPN/100 ml	NS	NS	
Total Coliform	per 100 ml	NS	NS	
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.25 U
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.1 J
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.05 UJ
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	
Nitrogen, Nitrite	mg/l	NS	0.02	0.022 J
Odor	t.o.n.	NS	NS	
pH	ph units	NS	8.5	8.7
Resistivity	MOHM/CM	NS	NS	0.2 U
Specific Conductance	umhos/cm	NS	NS	256
Temperature	deg c	NS	NS	22
Total Dissolved Solids	mg/l	NS	NS	20
Total Organic Carbon	mg/l	NS	NS	1.1
Turbidity	ntu	NS	NS	

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- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
- pg/l = picogram per liter

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Hydrogeologic Report

		Location ID	GWI-04	GWI-04
		Sample Date	11/7/2018	5/7/2019
		Sample Type	N	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	180
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	10 U
Color, Unknown	color unit	NS	NS	
Fecal Coliform	MPN/100 ml	NS	NS	
Total Coliform	per 100 ml	NS	NS	
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.15 J
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.29
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.05 U
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U
Odor	t.o.n.	NS	NS	
pH	ph units	NS	8.5	8
Resistivity	MOHM/CM	NS	NS	0.2 U
Specific Conductance	umhos/cm	NS	NS	418
Temperature	deg c	NS	NS	22
Total Dissolved Solids	mg/l	NS	NS	288
Total Organic Carbon	mg/l	NS	NS	0.62 J
Turbidity	ntu	NS	NS	

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- ng/l = nanograms per liter
- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
- pg/l = picogram per liter

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GW1-05	GW1-05
		Sample Date	11/1/2018	11/8/2018
		Sample Type	FD	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	
Color, Unknown	color unit	NS	NS	
Fecal Coliform	MPN/100 ml	NS	NS	
Total Coliform	per 100 ml	NS	NS	
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.21
Nitrogen, Nitrate (As N)	mg/l	NS	10	
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	
Nitrogen, Nitrite	mg/l	NS	0.02	
Odor	t.o.n.	NS	NS	
pH	ph units	NS	8.5	12.1 J
Resistivity	MOHM/CM	NS	NS	
Specific Conductance	umhos/cm	NS	NS	
Temperature	deg c	NS	NS	22
Total Dissolved Solids	mg/l	NS	NS	
Total Organic Carbon	mg/l	NS	NS	5.4
Turbidity	ntu	NS	NS	

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- t.o.n. = threshold order number
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Hydrogeologic Report

		Location ID	GW-05	GW-06
		Sample Date	5/8/2019	11/9/2018
		Sample Type	N	N
		Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	
Alkalinity, Bicarbonate (As CaCO ₃)	mg/l	NS	NS	6.3
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	143
Color, Unknown	color unit	NS	NS	
Fecal Coliform	MPN/100 ml	NS	NS	
Total Coliform	per 100 ml	NS	NS	
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.34
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	2.8
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.04 J
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U
Odor	t.o.n.	NS	NS	
pH	ph units	NS	8.5	10.7
Resistivity	MOHM/CM	NS	NS	0.2 U
Specific Conductance	umhos/cm	NS	NS	444
Temperature	deg c	NS	NS	21.6
Total Dissolved Solids	mg/l	NS	NS	314
Total Organic Carbon	mg/l	NS	NS	1.2
Turbidity	ntu	NS	NS	

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Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID		GW1-06
		Sample Date		5/7/2019
		Sample Type		N
		Validated - Y/N		Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
General Chemistry				
Asbestos	mfl	NS	NS	
Alkalinity, Bicarbonate (As CaCO3)	mg/l	NS	NS	290
Biochemical Oxygen Demand (BOD)	mg/l	NS	NS	
COD - Chemical Oxygen Demand	mg/l	NS	NS	10 U
Color, Unknown	color unit	NS	NS	
Fecal Coliform	MPN/100 ml	NS	NS	
Total Coliform	per 100 ml	NS	NS	
Nitrate As Nitrous Oxide	mg/l	NS	NS	
Nitrogen, Ammonia (As N)	mg/l	NS	NS	0.25 U
Nitrogen, Kjeldahl, Total	mg/l	NS	NS	0.18 J
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.05 U
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	
Nitrogen, Nitrite	mg/l	NS	0.02	0.05 U
Odor	t.o.n.	NS	NS	
pH	ph units	NS	8.5	8.1
Resistivity	MOHM/CM	NS	NS	0.2 U
Specific Conductance	umhos/cm	NS	NS	582
Temperature	deg c	NS	NS	
Total Dissolved Solids	mg/l	NS	NS	390
Total Organic Carbon	mg/l	NS	NS	
Turbidity	ntu	NS	NS	

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Hydrogeologic Report

				Location ID	GWI-01	GWI-02	GWI-02	GWI-03
				Sample Date	9/26/2018	9/27/2018	9/27/2018	9/27/2018
				Sample Type	N	N	FD	N
				Validated - Y/N	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Haloacetic Acids								
Chloroacetic Acid	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
Dibromoacetic Acid	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
Dichloroacetic Acid	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
2,4-D (Dichlorophenoxyacetic Acid)	ug/l	NS	50	0.47 U	0.48 U	0.48 U	0.49 UJ	
Haloacetic Acids 5, Total	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
Haloacetic Acids, Total	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
Monobromoacetic Acid	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U
Trichloroacetic Acid	ug/l	NS	NS	1 U	1 U	1 U	1 U	1 U

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		Sample Date		9/26/2018	5/7/2019
		Sample Type		N	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS		49 U
Antimony	ug/l	NS	3	1 U	1 U
Arsenic	ug/l	NS	25	1 U	1
Barium	ug/l	NS	1000	112	251
Beryllium	ug/l	3	NS	0.4 U	0.4 U
Cadmium	ug/l	NS	5	0.5 U	0.5 U
Chromium	ug/l	NS	50	2 U	2 U
Cobalt	ug/l	NS	NS		0.28 J
Copper	ug/l	NS	200		0.71 J
Cyanide	ug/l	NS	200	10 U	
Iron	ug/l	NS	300	550	
Lead	ug/l	NS	25		0.093 J
Manganese	ug/l	NS	300	610	506
Mercury	ug/l	NS	0.7	0.2 U	0.2 U
Nickel	ug/l	NS	100	0.44 J	1.5 J
Potassium	ug/l	NS	NS		1200
Selenium	ug/l	NS	10	2 U	2 U
Silver	ug/l	NS	50	10 U	1 U
Sodium	ug/l	NS	20000	33300	
Thallium	ug/l	0.5	NS	0.2 U	0.2 U
Vanadium	ug/l	NS	NS		1 U
Zinc	ug/l	2000	NS	20 U	20 U
Bromate	ug/l	NS	NS	5 U	
Chloride (As Cl)	ug/l	NS	250000	54000	
Chlorite	ug/l	NS	NS	20 U	
Fluoride	ug/l	NS	1500	58 J	
Sulfate (As SO4)	ug/l	NS	250000	29000	24000

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		Location ID Sample Date Sample Type Validated - Y/N		GWI-02 9/27/2018 N Y	GWI-02 9/27/2018 FD Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS		
Antimony	ug/l	NS	3	1 U	1 U
Arsenic	ug/l	NS	25	1.1	1.4
Barium	ug/l	NS	1000	164	158
Beryllium	ug/l	3	NS	0.4 U	0.4 U
Cadmium	ug/l	NS	5	0.06 J	0.13 J
Chromium	ug/l	NS	50	2.5	3
Cobalt	ug/l	NS	NS		
Copper	ug/l	NS	200		
Cyanide	ug/l	NS	200	10 U	10 U
Iron	ug/l	NS	300	3000	3300
Lead	ug/l	NS	25		
Manganese	ug/l	NS	300	660	590
Mercury	ug/l	NS	0.7	0.2 U	0.2 U
Nickel	ug/l	NS	100	3.1 J	3.5 J
Potassium	ug/l	NS	NS		
Selenium	ug/l	NS	10	2 U	2 U
Silver	ug/l	NS	50	10 U	10 U
Sodium	ug/l	NS	20000	35100	30800
Thallium	ug/l	0.5	NS	0.2 U	0.2 U
Vanadium	ug/l	NS	NS		
Zinc	ug/l	2000	NS	9.1 J	8.9 J
Bromate	ug/l	NS	NS	5 U	5 U
Chloride (As Cl)	ug/l	NS	250000	62000	62000
Chlorite	ug/l	NS	NS	20 U	20 U
Fluoride	ug/l	NS	1500	66 J	66 J
Sulfate (As SO4)	ug/l	NS	250000	27000	27000

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

ug/l = micrograms per liter

Qualifiers:

J = Reported value is estimated.

U = Indicates the analyte was analyzed for but not detected.

Shaded cells = positive detection above comparison value

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID Sample Date Sample Type Validated - Y/N		GWI-02 5/7/2019 FD Y	GWI-02 5/7/2019 N Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS	31.8 U	30.7 U
Antimony	ug/l	NS	3	1 U	1 U
Arsenic	ug/l	NS	25	0.83 J	0.7 J
Barium	ug/l	NS	1000	196	188
Beryllium	ug/l	3	NS	0.4 U	0.4 U
Cadmium	ug/l	NS	5	0.5 U	0.5 U
Chromium	ug/l	NS	50	2 U	2 U
Cobalt	ug/l	NS	NS	0.22 J	0.2 J
Copper	ug/l	NS	200	0.74 J	0.71 J
Cyanide	ug/l	NS	200		
Iron	ug/l	NS	300		
Lead	ug/l	NS	25	0.089 J	0.085 J
Manganese	ug/l	NS	300	460	441
Mercury	ug/l	NS	0.7	0.2 U	0.2 U
Nickel	ug/l	NS	100	1.4 J	1.3 J
Potassium	ug/l	NS	NS	4760	4600
Selenium	ug/l	NS	10	2 U	2 U
Silver	ug/l	NS	50	1 U	1 U
Sodium	ug/l	NS	20000		
Thallium	ug/l	0.5	NS	0.2 U	0.2 U
Vanadium	ug/l	NS	NS	1 U	1 U
Zinc	ug/l	2000	NS	20 U	20 U
Bromate	ug/l	NS	NS		
Chloride (As Cl)	ug/l	NS	250000		
Chlorite	ug/l	NS	NS		
Fluoride	ug/l	NS	1500		
Sulfate (As SO4)	ug/l	NS	250000	25000	24000

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

ug/l = micrograms per liter

Qualifiers:

J = Reported value is estimated.

U = Indicates the analyte was analyzed for but not detected.

Shaded cells = positive detection above comparison value

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID		GWI-03	GWI-03
		Sample Date		9/27/2018	5/7/2019
		Sample Type		N	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS		109
Antimony	ug/l	NS	3	1 U	0.69 J
Arsenic	ug/l	NS	25	3	2.1
Barium	ug/l	NS	1000	111	28.5
Beryllium	ug/l	3	NS	0.4 U	0.4 U
Cadmium	ug/l	NS	5	0.075 J	0.5 U
Chromium	ug/l	NS	50	1.7 J	2 U
Cobalt	ug/l	NS	NS		0.4 U
Copper	ug/l	NS	200		1.3 J
Cyanide	ug/l	NS	200	10 U	
Iron	ug/l	NS	300	1200	
Lead	ug/l	NS	25		0.3 U
Manganese	ug/l	NS	300	240	8.7 U
Mercury	ug/l	NS	0.7	0.2 U	0.2 U
Nickel	ug/l	NS	100	1.7 J	0.51 J
Potassium	ug/l	NS	NS		12200
Selenium	ug/l	NS	10	2 U	2 U
Silver	ug/l	NS	50	10 U	1 U
Sodium	ug/l	NS	20000	22900	
Thallium	ug/l	0.5	NS	0.2 U	0.2 U
Vanadium	ug/l	NS	NS		4
Zinc	ug/l	2000	NS	20 U	20 U
Bromate	ug/l	NS	NS	5 U	
Chloride (As Cl)	ug/l	NS	250000	29000	
Chlorite	ug/l	NS	NS	20 U	
Fluoride	ug/l	NS	1500	68 J	
Sulfate (As SO4)	ug/l	NS	250000	29000	23000

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

ug/l = micrograms per liter

Qualifiers:

J = Reported value is estimated.

U = Indicates the analyte was analyzed for but not detected.

Shaded cells = positive detection above comparison value

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID		GWI-04	GWI-05
		Sample Date		5/7/2019	5/8/2019
		Sample Type		N	N
		Validated - Y/N		Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS	186	87000
Antimony	ug/l	NS	3	1 U	0.46 J
Arsenic	ug/l	NS	25	2.7	32
Barium	ug/l	NS	1000	105	983
Beryllium	ug/l	3	NS	0.4 U	4.9
Cadmium	ug/l	NS	5	0.5 U	1.4
Chromium	ug/l	NS	50	2 U	125
Cobalt	ug/l	NS	NS	0.25 J	47.6
Copper	ug/l	NS	200	0.79 J	166
Cyanide	ug/l	NS	200		
Iron	ug/l	NS	300		
Lead	ug/l	NS	25	0.14 J	80.1
Manganese	ug/l	NS	300	379	3450
Mercury	ug/l	NS	0.7	0.2 U	0.1 J
Nickel	ug/l	NS	100	2 J	115
Potassium	ug/l	NS	NS	1310	20800
Selenium	ug/l	NS	10	2 U	2
Silver	ug/l	NS	50	1 U	0.41 J
Sodium	ug/l	NS	20000		
Thallium	ug/l	0.5	NS	0.2 U	0.42
Vanadium	ug/l	NS	NS	0.74 J	92.3
Zinc	ug/l	2000	NS	20 U	353
Bromate	ug/l	NS	NS		
Chloride (As Cl)	ug/l	NS	250000		
Chlorite	ug/l	NS	NS		
Fluoride	ug/l	NS	1500		
Sulfate (As SO4)	ug/l	NS	250000	27000	150000

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

ug/l = micrograms per liter

Qualifiers:

J = Reported value is estimated.

U = Indicates the analyte was analyzed for but not detected.

Shaded cells = positive detection above comparison value

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-06
				Sample Date	5/7/2019
				Sample Type	N
				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Inorganics					
Aluminum	ug/l	NS	NS		97.4
Antimony	ug/l	NS	3		1 U
Arsenic	ug/l	NS	25		1
Barium	ug/l	NS	1000		203
Beryllium	ug/l	3	NS		0.4 U
Cadmium	ug/l	NS	5		0.5 U
Chromium	ug/l	NS	50		2 U
Cobalt	ug/l	NS	NS		0.18 J
Copper	ug/l	NS	200		0.83 J
Cyanide	ug/l	NS	200		
Iron	ug/l	NS	300		
Lead	ug/l	NS	25		0.078 J
Manganese	ug/l	NS	300		349
Mercury	ug/l	NS	0.7		0.2 U
Nickel	ug/l	NS	100		1.2 J
Potassium	ug/l	NS	NS		1330
Selenium	ug/l	NS	10		2 U
Silver	ug/l	NS	50		1 U
Sodium	ug/l	NS	20000		
Thallium	ug/l	0.5	NS		0.2 U
Vanadium	ug/l	NS	NS		1 U
Zinc	ug/l	2000	NS		20 U
Bromate	ug/l	NS	NS		
Chloride (As Cl)	ug/l	NS	250000		
Chlorite	ug/l	NS	NS		
Fluoride	ug/l	NS	1500		
Sulfate (As SO4)	ug/l	NS	250000		24000

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

ug/l = micrograms per liter

Qualifiers:

J = Reported value is estimated.

U = Indicates the analyte was analyzed for but not detected.

Shaded cells = positive detection above comparison value

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-02
				Sample Date	9/26/2018	9/27/2018
				Sample Type	N	N
				Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD			
Pesticides, Dioxin, PCBs						
1,2-Dibromo-3-Chloropropane	ug/l	NS	0.04	0.018 U	0.018 U	
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	NS	0.0006	0.018 U	0.018 U	
2,4-D (Dichlorophenoxyacetic Acid)	ug/l	NS	50	0.47 U	0.48 U	
3-Hydroxycarbofuran	ug/l	NS	NS	2.5 U	2.5 U	
Alachlor	ug/l	NS	0.5	0.19 U	0.2 UJ	
Aldicarb	ug/l	NS	0.35	2.5 U	2.5 U	
Aldicarb Sulfone	ug/l	2	NS	2.5 U	2.5 U	
Aldicarb Sulfoxide	ug/l	4	NS	2.5 U	2.5 U	
Aldrin	ug/l	NS	NS	0.024 UJ	0.024 U	
Atrazine	ug/l	NS	7.5	0.19 U	0.2 UJ	
Benzo(A)Pyrene	ug/l	NS	0	0.19 U	0.2 UJ	
Bis(2-Ethylhexyl) Phthalate	ug/l	NS	5	1.9 U	2 UJ	
Butachlor	ug/l	NS	3.5	0.48 U	0.49 UJ	
Carbofuran	ug/l	15	NS	2.5 U	2.5 U	
Chlordane	ug/l	NS	0.05	0.24 UJ	0.24 U	
Dalapon	ug/l	NS	50	R	4.8 U	
Dicamba	ug/l	NS	0.44	0.47 U	0.48 U	
Dieldrin	ug/l	NS	0.004	0.024 UJ	0.024 U	
Dinoseb	ug/l	NS	1	0.95 U	0.96 U	
Diocetyl Adipate	ug/l	NS	NS	1.5 U	0.83 J	
Diquat Dibromide	ug/l	NS	NS	R	2 U	
Endothal	ug/l	50	NS	10 U	10 U	
Endrin	ug/l	NS	0	0.024 UJ	0.024 U	
Gamma Bhc (Lindane)	ug/l	NS	0.05	0.024 UJ	0.024 U	
Glyphosate	ug/l	50	NS	25 U	25 U	
Heptachlor	ug/l	NS	0.04	0.024 UJ	0.024 U	
Heptachlor Epoxide	ug/l	NS	0.03	0.024 UJ	0.024 U	
Hexachlorobenzene	ug/l	NS	0.04	0.19 U	0.2 UJ	
Hexachlorocyclopentadiene	ug/l	NS	5	1.9 U	2 UJ	
Methomyl	ug/l	NS	0.35	2.5 U	2.5 U	
Methoxychlor	ug/l	NS	35	0.024 UJ	0.024 U	
Metolachlor	ug/l	NS	NS	0.19 U	0.2 UJ	
Metribuzin	ug/l	NS	50	0.19 U	0.2 UJ	
Oxamyl	ug/l	NS	50	2.5 U	2.5 U	
Pentachlorophenol	ug/l	NS	1	0.19 U	0.19 U	
Picloram	ug/l	NS	50	0.47 U	0.48 U	
Propachlor	ug/l	NS	35	0.19 U	0.2 UJ	
Sevin (Carbaryl)	ug/l	NS	29	2.5 U	2.5 U	
Silvex (2,4,5-TP)	ug/l	NS	0.26	0.24 U	0.24 U	

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-02
				Sample Date	9/26/2018	9/27/2018
				Sample Type	N	N
				Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD			
Pesticides, Dioxin, PCBs						
Simazine	ug/l	NS	0.5	0.48 U	0.49 UJ	
Toxaphene	ug/l	NS	0.06	2.4 UJ	2.4 U	
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ug/l	NS	0.000007	9.5E-06 U	9.6E-06 U	
PCB-1016 (Aroclor 1016)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1221 (Aroclor 1221)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1232 (Aroclor 1232)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1242 (Aroclor 1242)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1248 (Aroclor 1248)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1254 (Aroclor 1254)	ug/l	NS	0.09	0.48 UJ	0.49 U	
PCB-1260 (Aroclor 1260)	ug/l	NS	0.09	0.48 UJ	0.49 U	
Polychlorinated Biphenyl (PCBs)	ug/l	NS	0.09	0.48 UJ	0.49 U	

Notes:

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- FD = Field Duplicate Sample
- ug/l = micrograms per liter

Qualifiers:

- J = Reported value is estimated.
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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

			Location ID	GW1-02	GW1-03
			Sample Date	9/27/2018	9/27/2018
			Sample Type	FD	N
			Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Pesticides, Dioxin, PCBs					
1,2-Dibromo-3-Chloropropane	ug/l	NS	0.04	0.017 U	0.018 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	NS	0.0006	0.017 U	0.018 U
2,4-D (Dichlorophenoxyacetic Acid)	ug/l	NS	50	0.48 U	0.49 UJ
3-Hydroxycarbofuran	ug/l	NS	NS	2.5 U	2.5 U
Alachlor	ug/l	NS	0.5	0.2 UJ	0.19 U
Aldicarb	ug/l	NS	0.35	2.5 U	2.5 U
Aldicarb Sulfone	ug/l	2	NS	2.5 U	2.5 U
Aldicarb Sulfoxide	ug/l	4	NS	2.5 U	2.5 U
Aldrin	ug/l	NS	NS	0.024 UJ	0.024 U
Atrazine	ug/l	NS	7.5	0.2 UJ	0.19 U
Benzo(A)Pyrene	ug/l	NS	0	0.2 UJ	0.19 U
Bis(2-Ethylhexyl) Phthalate	ug/l	NS	5	2 UJ	1.9 U
Butachlor	ug/l	NS	3.5	0.49 UJ	0.48 U
Carbofuran	ug/l	15	NS	2.5 U	2.5 U
Chlordane	ug/l	NS	0.05	0.24 UJ	0.24 U
Dalapon	ug/l	NS	50	4.8 U	4.9 UJ
Dicamba	ug/l	NS	0.44	0.48 U	0.49 U
Dieldrin	ug/l	NS	0.004	0.024 UJ	0.024 U
Dinoseb	ug/l	NS	1	0.96 U	0.97 UJ
Diethyl Adipate	ug/l	NS	NS	1.5 UJ	1.5 U
Diquat Dibromide	ug/l	NS	NS	2 U	2 U
Endothal	ug/l	50	NS	10 U	10 U
Endrin	ug/l	NS	0	0.024 UJ	0.024 U
Gamma Bhc (Lindane)	ug/l	NS	0.05	0.024 UJ	0.024 U
Glyphosate	ug/l	50	NS	25 U	25 U
Heptachlor	ug/l	NS	0.04	0.024 UJ	0.024 U
Heptachlor Epoxide	ug/l	NS	0.03	0.024 UJ	0.024 U
Hexachlorobenzene	ug/l	NS	0.04	0.2 UJ	0.19 U
Hexachlorocyclopentadiene	ug/l	NS	5	2 UJ	1.9 U
Methomyl	ug/l	NS	0.35	2.5 U	2.5 U
Methoxychlor	ug/l	NS	35	0.024 UJ	0.024 U
Metolachlor	ug/l	NS	NS	0.2 UJ	0.19 U
Metribuzin	ug/l	NS	50	0.2 UJ	0.19 U
Oxamyl	ug/l	NS	50	2.5 U	2.5 U
Pentachlorophenol	ug/l	NS	1	0.19 U	0.19 UJ
Picloram	ug/l	NS	50	0.48 U	0.49 UJ
Propachlor	ug/l	NS	35	0.2 UJ	0.19 U
Sevin (Carbaryl)	ug/l	NS	29	2.5 U	2.5 U
Silvex (2,4,5-TP)	ug/l	NS	0.26	0.24 U	0.24 UJ

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

			Location ID	GW1-02	GW1-03
			Sample Date	9/27/2018	9/27/2018
			Sample Type	FD	N
			Validated - Y/N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Pesticides, Dioxin, PCBs					
Simazine	ug/l	NS	0.5	0.49 UJ	0.48 U
Toxaphene	ug/l	NS	0.06	2.4 UJ	2.4 U
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ug/l	NS	0.0000007	9.6E-06 U	9.6E-06 UJ
PCB-1016 (Aroclor 1016)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1221 (Aroclor 1221)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1232 (Aroclor 1232)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1242 (Aroclor 1242)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1248 (Aroclor 1248)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1254 (Aroclor 1254)	ug/l	NS	0.09	0.49 UJ	0.48 U
PCB-1260 (Aroclor 1260)	ug/l	NS	0.09	0.49 UJ	0.48 U
Polychlorinated Biphenyl (PCBs)	ug/l	NS	0.09	0.49 UJ	0.48 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ug/l = micrograms per liter

Qualifiers:

- J = Reported value is estimated.
- U = Indicates the analyte was analyzed for but not detected.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GWI-01	GWI-01	GWI-01	GWI-02
		Sample Date	9/26/2018	11/7/2018	5/7/2019	9/27/2018
		Sample Type	N	N	N	N
		Validated - Y/N	Y	Y	Y	N
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS						
NEtFOSAA	ng/l	NS	NS	1.7 U	0.89 U	1.4 U
NMeFOSAA	ng/l	NS	NS	2.7 U	0.89 U	1.6 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS	1.3 U		0.62 U
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.17 U	0.27 U	0.45 U
Perfluorobutanoic Acid	ng/l	NS	NS	2.5	2 J	1.4 J
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.28 U	0.54 U	0.82 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.27 U	0.8 U	0.7 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.48 U	0.45 U	0.54 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.17 U	0.36 U	0.87 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.22 U	0.36 U	0.83 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.31 U	0.36 U	0.73 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.51 U	0.36 U	0.69 U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.24 U	0.36 U	0.25 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.47 U	0.69 J	0.56 U
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	0.74 U	0.54 J	0.58 U
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.43 U	1.8 U	0.58 U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.25 U	0.27 U	0.84 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	1.1 U	0.36 U	0.55 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	0.96 U	0.36 U	0.48 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	1.7 U	1.8 U	2.7 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	1.7 U	8.7	4.2 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ng/l = nanograms per liter

Qualifiers:

- J = Reported value is estimated.
- U = Indicates the analyte was analyzed for but not detected.

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GWI-02	GWI-02	GWI-02	GWI-02
		Sample Date	9/27/2018	9/27/2018	9/27/2018	11/7/2018
		Sample Type	N	FD	FD	N
		Validated - Y/N	Y	N	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS						
NEtFOSAA	ng/l	NS	NS	1.8 U		0.9 U
NMeFOSAA	ng/l	NS	NS	2.9 U		0.9 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS	1.4 U		
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.19 U		0.27 U
Perfluorobutanoic Acid	ng/l	NS	NS	3		1.8 U
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.3 U		0.54 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.29 U		0.81 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.52 U		0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.18 U		0.36 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.23 U		0.36 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.26 U		0.36 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.54 U		0.36 U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.25 U		0.36 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.51 U		0.36 U
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	0.8 U		0.27 U
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.46 U		1.8 U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.27 U		0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	1.2 U		0.36 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	1 U		0.36 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	1.9 U		1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	1.9 U		0.9 U

Notes:

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- ng/l = nanograms per liter

Qualifiers:

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Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GWI-02	GWI-02	GWI-03	GWI-03
		Sample Date	5/7/2019	5/7/2019	9/27/2018	9/27/2018
		Sample Type	FD	N	N	N
		Validated - Y/N	Y	Y	N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS						
NEtFOSAA	ng/l	NS	NS	1.4 U	1.2 U	1.6 U
NMeFOSAA	ng/l	NS	NS	1.5 U	1.4 U	2.5 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS	0.62 U	0.56 U	1.2 U
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.45 U	0.41 U	0.16 U
Perfluorobutanoic Acid	ng/l	NS	NS	1.3 J	1.4 J	0.88 J
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.82 U	0.75 U	0.26 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.7 U	0.64 U	0.25 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.54 U	0.49 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.86 U	0.79 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.83 U	0.76 U	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.73 U	0.66 U	0.27 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.69 U	0.63 U	0.48 U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.25 U	0.22 U	0.22 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.55 U	0.51 U	0.44 U
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	0.57 U	0.52 U	0.7 U
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.57 U	0.52 U	0.4 U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.84 U	0.76 U	0.24 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	0.55 U	0.5 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	0.48 U	0.44 U	0.9 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	2.6 U	2.4 U	1.6 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	4.2 U	3.8 U	2.7 J

Notes:

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- FD = Field Duplicate Sample
- ng/l = nanograms per liter

Qualifiers:

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Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GWI-03	GWI-03	GWI-03	GWI-04	
		Sample Date	11/7/2018	11/7/2018	5/7/2019	11/7/2018	
		Sample Type	N	FD	N	N	
		Validated - Y/N	Y	Y	Y	Y	
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS							
NEtFOSAA	ng/l	NS	NS	0.89 U	0.9 U	1.3 U	0.96 U
NMeFOSAA	ng/l	NS	NS	0.89 U	0.9 U	1.5 U	0.96 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS			0.59 U	
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.27 U	0.27 U	0.43 U	0.29 U
Perfluorobutanoic Acid	ng/l	NS	NS	1.8 U	1.8 U	0.87 U	1.9 U
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.53 U	0.54 U	0.79 U	0.57 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.8 U	0.81 U	0.67 U	0.86 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.45 U	0.45 U	0.52 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.36 U	0.36 U	0.83 U	0.38 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.36 U	0.36 U	1.4 J	0.38 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.36 U	0.36 U	0.7 U	0.38 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.38 J	0.36 U	2.1	0.38 U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.46 J	0.36 U	0.24 U	0.38 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.38 J	0.36 U	0.58 J	0.9 J
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	1.8	1.8	38	0.71 J
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	1.8 U	1.8 U	0.55 U	1.9 U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.27 U	0.27 U	0.8 U	0.29 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	0.36 U	0.36 U	0.52 U	0.38 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	0.36 U	0.36 U	0.46 U	0.38 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	1.8 U	1.8 U	2.5 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCANE SULFONATE (6:2)	ng/l	NS	NS	12	13	41 J	0.96 U

Notes:

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- ng/l = nanograms per liter

Qualifiers:

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GWI-04	GWI-05	GWI-05	GWI-05	
		Sample Date	5/7/2019	11/1/2018	11/1/2018	11/8/2018	
		Sample Type	N	FD	N	N	
		Validated - Y/N	Y	Y	Y	Y	
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS							
NEtFOSAA	ng/l	NS	NS	1.3 U	1.9 U	1.9 U	0.91 U
NMeFOSAA	ng/l	NS	NS	1.5 UJ	3.1 U	3.1 U	0.91 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS	0.59 U			
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.43 U	0.2 U	0.2 U	0.27 U
Perfluorobutanoic Acid	ng/l	NS	NS	0.87 U	2.2 J	2.2 J	3.1 J
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.78 U	0.32 U	0.32 U	0.55 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.67 U	0.31 U	0.31 U	0.82 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.51 U	0.55 U	0.54 U	0.46 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.83 U	0.19 U	0.19 U	0.37 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.79 U	0.66 J	0.65 J	0.37 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.7 U	0.17 U	0.17 U	0.37 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.66 U	1.5 J	1.6 J	0.79 J
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.23 U	0.44 J	0.46 J	0.37 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.53 U	0.54 U	0.53 U	0.49 J
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	1.6 J	6.3	7.1	5.5
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.55 U	0.79 J	0.88 J	1.8 U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.8 U	0.29 U	0.29 UJ	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	0.52 U	1.3 U	1.3 U	0.37 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	0.46 U	1.1 U	1.1 U	0.37 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	2.5 U	2 U	2 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	4 U	2 U	2 U	0.91 U

Notes:

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- ng/l = nanograms per liter

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

		Location ID	GW1-05	GW1-06	GW1-06
		Sample Date	5/8/2019	11/9/2018	5/7/2019
		Sample Type	N	N	N
		Validated - Y/N	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
PFAS					
NEtFOSAA	ng/l	NS	NS	1.3 U	0.91 U 1.4 U
NMeFOSAA	ng/l	NS	NS	1.5 U	0.91 U 1.6 U
PERFLUORO(2-PROPOXYPROPANOIC) ACID	ng/l	NS	NS	0.60 U	0.62 U
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS	0.43 U	0.27 U 0.45 U
Perfluorobutanoic Acid	ng/l	NS	NS	0.89 U	2.7 J 2 J
Perfluorodecane Sulfonic Acid	ng/l	NS	NS	0.8 U	0.54 U 0.83 U
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.68 U	0.82 U 0.71 U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.52 U	0.45 U 0.54 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.84 U	0.36 U 0.87 U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.81 U	0.36 U 0.84 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.71 U	0.36 U 0.73 U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.67 U	0.36 U 0.7 U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.24 U	0.36 U 0.25 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.54 U	0.36 U 0.56 U
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	8.4	0.27 U 0.58 U
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.56 U	1.8 U 0.6 J
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.81 U	0.27 U 0.84 U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	0.53 U	0.36 U 0.55 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	0.47 U	0.36 U 0.49 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	2.6 U	1.8 U 2.7 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	4.1 U	0.91 U 4.2 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ng/l = nanograms per liter

Qualifiers:

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Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-02	GWI-02	GWI-03
				Sample Date	9/26/2018	9/27/2018	9/27/2018	9/27/2018
				Sample Type	N	N	FD	N
				Validated - Y/N	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Radionuclides								
Alpha Radiation	pci/l	NS	15	3.43 ± 2.33	9.03 ± 4.41	5.69 ± 3.73	1.64 ± 1.57 U	
Beta Radiation	pci/l	NS	1000	2.94 ± 1.14	7.02 ± 2.42	7.78 ± 2.13	4.50 ± 1.26	
Radium-226	pci/l	NS	5	0.549 ± 0.431 U	1.56 ± 0.60	1.79 ± 0.652	1.14 ± 0.56	
Radium-228	pci/l	NS	5	0.597 ± 0.311	0.00514 ± 0.235 U	0.472 ± 0.298	0.0747 ± 0.273 U	
Uranium	ug/l	NS	NS	0.905	2.67	2.67	1.73	

Notes:

N = Normal Environmental Sample

FD = Field Duplicate Sample

pci/l = picocuries per liter

Qualifiers:

U = Indicates the analyte was analyzed for but not detected.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-01	GWI-02	GWI-02	GWI-02
				Sample Date	9/26/2018	5/7/2019	9/27/2018	9/27/2018	5/7/2019
				Sample Type	N	N	N	FD	FD
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
1,1,1,2-Tetrachloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane (TCA)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	ug/l	NS	0.04	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/l	NS	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dioxane (P-Dioxane)	ug/l	NS	NS	0.2 U		0.2 U	0.2 U		
2,2-Dichloropropane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	ug/l	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-01	GWI-02	GWI-02	GWI-02
				Sample Date	9/26/2018	5/7/2019	9/27/2018	9/27/2018	5/7/2019
				Sample Type	N	N	N	FD	FD
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
Bromodichloromethane	ug/l	50	NS	0.5 U			0.5 U	0.5 U	
Bromoform	ug/l	50	NS	0.5 U			0.5 U	0.5 U	
Bromomethane	ug/l	NS	5	1 U	1 UJ		1 U	1 U	1 UJ
Carbon Tetrachloride	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Chloroethane	ug/l	NS	5	1 U	1 U		1 U	1 U	1 U
Chloroform	ug/l	NS	7	0.5 U			0.5 U	0.5 U	
Chloromethane	ug/l	NS	5	0.5 UJ	0.5 U		0.5 U	0.5 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Cis-1,3-Dichloropropene	ug/l	NS	0.4	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Cymene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/l	50	NS	0.5 U			0.5 U	0.5 U	
Dibromomethane	ug/l	NS	NS	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	ug/l	NS	5	0.5 UJ	0.5 U		0.5 UJ	0.5 UJ	0.5 U
Ethylbenzene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	ug/l	NS	0.5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Isopropylbenzene (Cumene)	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
m,p-Xylene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
N-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
N-Propylbenzene	ug/l	NS	50	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
O-Xylene (1,2-Dimethylbenzene)	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Sec-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Styrene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
T-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-01	GWI-01	GWI-02	GWI-02	GWI-02
				Sample Date	9/26/2018	5/7/2019	9/27/2018	9/27/2018	5/7/2019
				Sample Type	N	N	N	FD	FD
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
Tert-Butyl Methyl Ether	ug/l	10	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethylene (PCE)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/l	NS	5	0.5 U	0.5 U	0.09 J	0.1 J	0.22 J	
Total Trihalomethanes	ug/l	NS	NS	0.5 U		0.5 U	0.5 U		
Trans-1,2-Dichloroethene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/l	NS	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	ug/l	NS	2	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Xylenes, Total	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ug/l = micrograms per liter

Qualifiers:

- J = Reported value is estimated.
- U = Indicates the analyte was analyzed for but not detected.
- R = Rejected.

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GW1-02	GW1-03	GW1-03	GW1-04	GW1-05
				Sample Date	5/7/2019	9/27/2018	5/7/2019	5/7/2019	5/8/2019
				Sample Type	N	N	N	N	N
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
1,1,1,2-Tetrachloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane (TCA)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	ug/l	NS	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/l	NS	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	ug/l	NS	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dioxane (P-Dioxane)	ug/l	NS	NS		0.2 U				
2,2-Dichloropropane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	ug/l	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/l	NS	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GW1-02	GW1-03	GW1-03	GW1-04	GW1-05
				Sample Date	5/7/2019	9/27/2018	5/7/2019	5/7/2019	5/8/2019
				Sample Type	N	N	N	N	N
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
Bromodichloromethane	ug/l	50	NS		0.5 U				
Bromoform	ug/l	50	NS		0.5 U				
Bromomethane	ug/l	NS	5	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ
Carbon Tetrachloride	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/l	NS	5	1 U	1 U	R	1 U	1 U	1 U
Chloroform	ug/l	NS	7		0.5 U				
Chloromethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cis-1,3-Dichloropropene	ug/l	NS	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cymene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/l	50	NS		0.5 U				
Dibromomethane	ug/l	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	ug/l	NS	5	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	ug/l	NS	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene (Cumene)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
N-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
N-Propylbenzene	ug/l	NS	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
O-Xylene (1,2-Dimethylbenzene)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Sec-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
T-Butylbenzene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GWI-02	GWI-03	GWI-03	GWI-04	GWI-05
				Sample Date	5/7/2019	9/27/2018	5/7/2019	5/7/2019	5/8/2019
				Sample Type	N	N	N	N	N
				Validated - Y/N	Y	Y	Y	Y	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
VOCs									
Tert-Butyl Methyl Ether	ug/l	10	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethylene (PCE)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/l	NS	5	0.24 J	0.09 J	0.11 J	0.5 U	0.11 J	
Total Trihalomethanes	ug/l	NS	NS		0.5 U				
Trans-1,2-Dichloroethene	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/l	NS	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethylene (TCE)	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	ug/l	NS	2	0.5 U	0.5 UJ	R	0.5 U	0.5 U	0.5 U
Xylenes, Total	ug/l	NS	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ug/l = micrograms per liter

Qualifiers:

- J = Reported value is estimated.
- U = Indicates the analyte was analyzed for but not detected.
- R = Rejected.

Empty cells indicate that compound not reported by the laboratory.

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GW1-06
				Sample Date	5/7/2019
				Sample Type	N
				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
VOCs					
1,1,1,2-Tetrachloroethane	ug/l	NS	5		0.5 U
1,1,1-Trichloroethane (TCA)	ug/l	NS	5		0.5 U
1,1,2,2-Tetrachloroethane	ug/l	NS	5		0.5 U
1,1,2-Trichloroethane	ug/l	NS	1		0.5 U
1,1-Dichloroethane	ug/l	NS	5		0.5 U
1,1-Dichloroethene	ug/l	NS	5		0.5 U
1,1-Dichloropropene	ug/l	NS	5		0.5 U
1,2,3-Trichlorobenzene	ug/l	NS	5		0.5 U
1,2,3-Trichloropropane	ug/l	NS	0.04		0.5 U
1,2,4-Trichlorobenzene	ug/l	NS	5		0.5 U
1,2,4-Trimethylbenzene	ug/l	NS	5		0.5 U
1,2-Dichlorobenzene	ug/l	NS	3		0.5 U
1,2-Dichloroethane	ug/l	NS	0.6		0.5 U
1,2-Dichloropropane	ug/l	NS	1		0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l	NS	5		0.5 U
1,3-Dichlorobenzene	ug/l	NS	3		0.5 U
1,3-Dichloropropane	ug/l	NS	5		0.5 U
1,4-Dichlorobenzene	ug/l	NS	3		0.5 U
1,4-Dioxane (P-Dioxane)	ug/l	NS	NS		
2,2-Dichloropropane	ug/l	NS	5		0.5 U
2-Chlorotoluene	ug/l	NS	5		0.5 U
4-Chlorotoluene	ug/l	NS	NS		0.5 U
Benzene	ug/l	NS	1		0.5 U
Bromobenzene	ug/l	NS	5		0.5 U
Bromochloromethane	ug/l	NS	5		0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

				Location ID	GW1-06
				Sample Date	5/7/2019
				Sample Type	N
				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
VOCs					
Bromodichloromethane	ug/l	50	NS		
Bromoform	ug/l	50	NS		
Bromomethane	ug/l	NS	5		1 UJ
Carbon Tetrachloride	ug/l	NS	5		0.5 U
Chlorobenzene	ug/l	NS	5		0.5 U
Chloroethane	ug/l	NS	5		1 U
Chloroform	ug/l	NS	7		
Chloromethane	ug/l	NS	5		0.5 U
Cis-1,2-Dichloroethylene	ug/l	NS	5		0.5 U
Cis-1,3-Dichloropropene	ug/l	NS	0.4		0.5 U
Cymene	ug/l	NS	5		0.5 U
Dibromochloromethane	ug/l	50	NS		
Dibromomethane	ug/l	NS	NS		0.5 U
Dichlorodifluoromethane	ug/l	NS	5		0.5 U
Ethylbenzene	ug/l	NS	5		0.5 U
Hexachlorobutadiene	ug/l	NS	0.5		0.5 U
Isopropylbenzene (Cumene)	ug/l	NS	5		0.5 U
m,p-Xylene	ug/l	NS	5		0.5 U
Methylene Chloride	ug/l	NS	5		0.5 U
N-Butylbenzene	ug/l	NS	5		0.5 U
N-Propylbenzene	ug/l	NS	50		0.5 U
O-Xylene (1,2-Dimethylbenzene)	ug/l	NS	5		0.5 U
Sec-Butylbenzene	ug/l	NS	5		0.5 U
Styrene	ug/l	NS	5		0.5 U
T-Butylbenzene	ug/l	NS	5		0.5 U

Table 1
Monitoring Well Analytical Data
Hydrogeologic Report

			Location ID	GWI-06
			Sample Date	5/7/2019
			Sample Type	N
			Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD	
VOCs				
Tert-Butyl Methyl Ether	ug/l	10	NS	0.5 U
Tetrachloroethylene (PCE)	ug/l	NS	5	0.5 U
Toluene	ug/l	NS	5	0.5 U
Total Trihalomethanes	ug/l	NS	NS	
Trans-1,2-Dichloroethene	ug/l	NS	5	0.5 U
Trans-1,3-Dichloropropene	ug/l	NS	0.4	0.5 U
Trichloroethylene (TCE)	ug/l	NS	5	0.5 U
Trichlorofluoromethane	ug/l	NS	5	0.5 U
Vinyl Chloride	ug/l	NS	2	0.5 U
Xylenes, Total	ug/l	NS	5	0.5 U

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- ug/l = micrograms per liter

Qualifiers:

- J = Reported value is estimated.
- U = Indicates the analyte was analyzed for but not detected.
- R = Rejected.

Empty cells indicate that compound not reported by the laboratory.

Table 2
 Aquifer Pump Test Monitoring Well Network
 Hydrogeologic Investigation Report

Location ID	Facility	Screen Start Depth (ft)	Screen End Depth (ft)	Well Depth (ft)	Depth to Bedrock (ft)	Top of Casing Elevation	Geologic Unit Code	Top of Clay Depth (ft)	Bottom of Clay Depth (ft)	Clay Thickness (ft)	Surface Elevation (ft MSL)	Data Logger
JS-MW-003C	John Street	83	88	89		430.42	DEEP CONFINED	8.5	47.5	38.32	430.80	V
OS-MW-030C	Off-Site John Street	87	90	90		451.56	DEEP CONFINED	13.7	74.4	60.64	451.90	V
OS-MW-024BR	Off-Site John Street			102	66.0	434.41	BEDROCK	6	36	29.30	434.90	V
OS-MW-027BR	Off-Site John Street			136.1	101.0	429.29	BEDROCK	18.5	83.3	63.20	429.70	V
MC-MW-04	McCaffrey Street	11	11	27	26.0	431.17	SHALLOW (A)			0.00	431.16	I
MC-MW-19	McCaffrey Street	29	50	55	22.0	430.39	BEDROCK			0.00	428.85	I
MC-MW-19S	McCaffrey Street	19	24	24		428.31				0.00	428.68	I
MC-MW-23	McCaffrey Street	59.5	67.5	70	68.0	428.89	DEEP (D)			0.00	428.89	I
MC-MW-24	McCaffrey Street	129	139	145	140.0	434.22	DEEP (D)			0.00	434.22	I
MC-MW-34	McCaffrey Street	85	91	93	91.0	466.46	DEEP CONFINED	12	62	49.80	466.46	I
MC-MW-35D	McCaffrey Street	105	110	110	105.0	481.9	DEEP CONFINED	11	30	28.94	482.42	I
MW-MW-36D	McCaffrey Street	135	145	146	143.0	474.02	DEEP CONFINED	18	33	15.00	474.56	I
OS-MW-004B	Off-Site River Road	28	33	33		423.88	INTERMEDIATE (B)	14	16	2.00	424.00	V
OS-MW-005B	Off-Site River Road	21	24	24		424.76	INTERMEDIATE (B)	14	16	2.00	425.20	V
OS-MW-007B	Off-Site River Road	23.5	26.5	26.5		431.58	INTERMEDIATE (B)	14.5	16	0.72	432.00	V
OS-MW-009B	Off-Site River Road	19.2	24.2	24.2		450.46	INTERMEDIATE (B)	9	20	10.74	450.80	V
OS-MW-011B	Off-Site River Road	20.5	23.5	23.5		468.52	INTERMEDIATE (B)	8	20	11.36	469.00	V
RR-MW-010B	River Road	30.2	25.1	30.1		425.78	INTERMEDIATE (B)	20	24	4	426.20	V
RR-MW-005BR	River Road	37	62	62			BEDROCK					V
OW-02 (PW-7)	Village Well Field	53	63	63		427.82		15	23	8.00	426.39	I
GW-02	Village Well Field	33.9	43.3	43.9		424.44				<7		I
GWI-01	Water Supply Area	82	92	95	125.0	435.78	DEEP CONFINED	13	36.5	23.50	433.41	S
GWI-02	Water Supply Area	88.5	98.5	99	100.0	436.05	DEEP CONFINED	12	86	74.00	433.79	S
GWI-03	Water Supply Area	90	100	102	104.0	432.45	DEEP CONFINED	14	68.5	54.50	430.24	S
GWI-04	Water Supply Area	99.9	109.9	109.9		439.64	DEEP CONFINED	12	86	74.00	437.05	S
GWI-05	Water Supply Area	100	110	110	114.0	438.32	DEEP CONFINED	8	90	82.00	436.15	S
GWI-06	Water Supply Area	102	112	112	157.0	437.8	DEEP CONFINED	10	60	50.00	435.35	S
Test Well	Water Supply Area	75	105	105	125.0	436.6	DEEP CONFINED					S
River Gauge	Water Supply Area	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	S
WF-OBS-01	Wysocki Farm	86	96	96		432.2	DEEP CONFINED			60.72	431.16	S
WF-OBS-02	Wysocki Farm	116	131	131		431.31	DEEP CONFINED			59.94	430.22	S
WF-OBS-03	Wysocki Farm	100	110	110		432.14	DEEP CONFINED			74.21	430.92	S
WF-OBS-04	Wysocki Farm	61.66	76.66	76.66		437.22	DEEP CONFINED			79.17	435.65	S
WF-OBS-05	Wysocki Farm	134.08	139.08	139.08		434.68	DEEP CONFINED			69.56	434.26	S
WF-OBS-BR	Wysocki Farm				136.9	431.91	BEDROCK					S

Data Logger Key:

V = Van Essen Micro-Diver M20

I = In-Situ Rugged TROLL 100

S = Solinst Levellogger M100

1. Wells selected to monitor aquifer test in water supply area and pre-test period for trend analysis and evaluating drawdown propagation of Village Well #7 cycling.

**Table 3
Aquifer Pump Test Field Parameters**

Date	Time	ORP/Eh (mV)	pH	Spec. Cond. (uS/cm)	DO (mg/L)	Temp. (°C)	Total Dissolved Solids (mg/L)	Turbidity (NTU)	Alternate Turbidity Meter (NTU)
Hoosic River									
4/29/2019	9:20	316.1	7.45	179.2	12.48	6.736	116	20.83	
5/2/2019	9:35	141.6	7.94	206.5	11.92	8.586	134	NM	10.8
LaCroix Well									
4/29/2019	9:40	315.8	7.34	613.0	2.69	10.575	398	3.78	
	12:05	234.5	7.68	599.7	3.08	10.349	390	<i>52.01</i>	
	16:05	135.0	7.70	596.8	-0.08	10.29	388	<i>132.83</i>	
	20:05	122.3	7.70	597.5	-0.11	10.082	388	<i>45.17</i>	
4/30/2019	0:05	97.3	7.70	598.3	-0.13	9.884	389	<i>10.03</i>	
	4:05	84.6	7.70	600.2	-0.13	9.909	390	<i>18.50</i>	
	8:05	73.9	7.70	599.5	-0.13	9.941	390	<i>29.60</i>	
	12:05	62.9	7.71	601.2	-0.13	10.081	391	<i>43.9</i>	10.2
	12:25	60.0	7.70	601.1	-0.13	10.045	391	<i>37.85</i>	9.68
	16:25	44.1	7.70	596.7	-0.13	10.225	388	<i>43.06</i>	
	20:25	30.7	7.70	599.2	-0.13	9.990	389	<i>67.75</i>	
5/1/2019	0:25	15.3	7.70	599.5	-0.13	9.888	390	<i>90.42</i>	
	4:45	3.8	7.71	598.9	-0.13	9.824	389	<i>125.31</i>	
	8:25	-3.1	7.71	597.3	-0.13	10.003	388	<i>20.89</i>	
	12:25	75.5	7.71	598.0	0.88	10.139	389	<i>137.71</i>	11.5
	16:25	-5.6	7.71	594.1	-0.12	10.398	386	<i>353.37</i>	
	20:25	-19.9	7.70	592.8	-0.13	10.194	385	<i>202.39</i>	
5/2/2019	0:25	-28.0	7.70	593.1	-0.13	10.132	385	<i>194.90</i>	
	4:25	-33.6	7.70	595.4	-0.13	10.127	387	<i>286.54</i>	
	8:25	-38.6	7.70	598.3	-0.13	10.212	389	<i>3.63</i>	
	8:45	-41.0	7.71	596.1	-0.13	10.226	387	<i>38.51</i>	10.2

Notes:

- Italicized Turbidity Data is believed to be inaccurate
- Data logger was stopped and restarted on 4/30 resulting in an extra reading

Table 4
LaCroix Test Well Analytical Data
Hydrogeologic Report

				Location ID	LACROIX TEST
				Sample Date	WELL
				Sample Type	5/2/2019
				Sample ID	N
				Validated - Y/N	LACROIX TEST
					WELL
					Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
E100.2					
Asbestos	mfl	NS	NS	2.1 U	
E200.7					
Iron	mg/l	NS	0.3	0.027 J	
Manganese	mg/l	NS	0.3	0.36	
Silver	mg/l	NS	0.05	0.01 U	
Sodium	mg/l	NS	20	29.9	
Zinc	mg/l	2	NS	0.02 U	
E200.8					
Antimony	ug/l	NS	3	1 U	
Arsenic	ug/l	NS	25	1 U	
Barium	ug/l	NS	1000	236	
Beryllium	ug/l	3	NS	0.4 U	
Cadmium	ug/l	NS	5	0.5 U	
Chromium, Total	ug/l	NS	50	2 U	
Copper	ug/l	NS	200	0.58 J	
Lead	ug/l	NS	25	0.3 U	
Nickel	ug/l	NS	100	1.4 J	
Selenium	ug/l	NS	10	2 U	
Thallium	ug/l	0.5	NS	0.2 U	
URANIUM-238	ug/l	NS	NS	4.6	
E245.1					
Mercury	ug/l	NS	0.7	0.2 U	
E300.0					
Chloride (As Cl)	mg/l	NS	250	56	
Fluoride	mg/l	NS	1.5	0.065 J	
Nitrogen, Nitrate (As N)	mg/l	NS	10	0.023 U	
Nitrogen, Nitrate-Nitrite	mg/l	NS	10	0.023 U	
Nitrogen, Nitrite	mg/l	NS	0.02	0.023 U	
Sulfate (As SO4)	mg/l	NS	250	26	
E300.1					
Bromate	ug/l	NS	NS	5 U	
Chlorite	ug/l	NS	NS	20 U	
E335.4					
Cyanide	mg/l	NS	0.2	0.01 U	
E504					
1,2-Dibromo-3-Chloropropane	mg/l	NS	0.00004	0.000023 U	
1,2-Dibromoethane (Ethylene Dibromide)	mg/l	NS	0.000006	0.000024 U	

Table 4
LaCroix Test Well Analytical Data
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				Sample Date	5/2/2019
				Sample Type	N
				Sample ID	LACROIX TEST WELL
				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
E508A					
Aldrin	mg/l	NS	NS	0.000024 U	
Chlordane	mg/l	NS	0.00005	0.00024 U	
Dieldrin	mg/l	NS	0.000004	0.000024 U	
Endrin	mg/l	NS	0	0.000024 U	
Gamma Bhc (Lindane)	mg/l	NS	0.00005	0.000024 U	
Heptachlor	mg/l	NS	0.00004	0.000024 U	
Heptachlor Epoxide	mg/l	NS	0.00003	0.000024 U	
Methoxychlor	mg/l	NS	0.035	0.000024 U	
PCB-1016 (Aroclor 1016)	mg/l	NS	0.00009	0.00048 UJ	
PCB-1221 (Aroclor 1221)	mg/l	NS	0.00009	0.00048 U	
PCB-1232 (Aroclor 1232)	mg/l	NS	0.00009	0.00048 U	
PCB-1242 (Aroclor 1242)	mg/l	NS	0.00009	0.00048 U	
PCB-1248 (Aroclor 1248)	mg/l	NS	0.00009	0.00048 U	
PCB-1254 (Aroclor 1254)	mg/l	NS	0.00009	0.00048 U	
PCB-1260 (Aroclor 1260)	mg/l	NS	0.00009	0.00048 U	
Polychlorinated Biphenyl (PCBs)	mg/l	NS	0.00009	0.00048 U	
Toxaphene	mg/l	NS	0.00006	0.0024 U	
E515.1					
2,4-D (Dichlorophenoxyacetic Acid)	mg/l	NS	0.05	0.0005 U	
Dalapon	mg/l	NS	0.05	0.005 U	
Dicamba	ug/l	NS	0.44	0.5 U	
Dinoseb	mg/l	NS	0.001	0.001 U	
Pentachlorophenol	mg/l	NS	0.001	0.0002 U	
Picloram	mg/l	NS	0.05	0.0005 U	
Silvex (2,4,5-TP)	mg/l	NS	0.00026	0.00025 U	
E524.2					
1,1,1,2-Tetrachloroethane	mg/l	NS	0.005	0.0005 U	
1,1,1-Trichloroethane (TCA)	mg/l	NS	0.005	0.0005 U	
1,1,2,2-Tetrachloroethane	mg/l	NS	0.005	0.0005 U	
1,1,2-Trichloroethane	mg/l	NS	0.001	0.0005 U	
1,1-Dichloroethane	mg/l	NS	0.005	0.0005 U	
1,1-Dichloroethene	mg/l	NS	0.005	0.0005 U	
1,1-Dichloropropene	mg/l	NS	0.005	0.0005 U	
1,2,3-Trichlorobenzene	mg/l	NS	0.005	0.0005 U	
1,2,3-Trichloropropane	mg/l	NS	0.00004	0.0005 U	
1,2,4-Trichlorobenzene	mg/l	NS	0.005	0.0005 U	
1,2,4-Trimethylbenzene	mg/l	NS	0.005	0.0005 U	

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				Sample Type	5/2/2019
				Sample ID	N
				Validated - Y/N	LACROIX TEST
					WELL
					Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
1,2-Dichlorobenzene	mg/l	NS	0.003		0.0005 U
1,2-Dichloroethane	mg/l	NS	0.0006		0.0005 U
1,2-Dichloropropane	mg/l	NS	0.001		0.0005 U
1,3,5-Trimethylbenzene (Mesitylene)	mg/l	NS	0.005		0.0005 U
1,3-Dichlorobenzene	mg/l	NS	0.003		0.0005 U
1,3-Dichloropropane	mg/l	NS	0.005		0.0005 U
1,4-Dichlorobenzene	mg/l	NS	0.003		0.0005 U
2,2-Dichloropropane	mg/l	NS	0.005		0.0005 U
2-Chlorotoluene	mg/l	NS	0.005		0.0005 U
4-Chlorotoluene	mg/l	NS	NS		0.0005 U
Benzene	mg/l	NS	0.001		0.0005 U
Bromobenzene	mg/l	NS	0.005		0.0005 U
Bromochloromethane	mg/l	NS	0.005		0.0005 U
Bromodichloromethane	ug/l	50	NS		0.5 U
Bromoform	ug/l	50	NS		0.5 U
Bromomethane	mg/l	NS	0.005		0.001 UJ
Carbon Tetrachloride	mg/l	NS	0.005		0.0005 U
Chlorobenzene	mg/l	NS	0.005		0.0005 U
Chloroethane	mg/l	NS	0.005		0.001 U
Chloroform	ug/l	NS	7		0.5 U
Chloromethane	mg/l	NS	0.005		0.0005 U
Cis-1,2-Dichloroethylene	mg/l	NS	0.005		0.0005 U
Cis-1,3-Dichloropropene	mg/l	NS	0.0004		0.0005 U
Cymene	mg/l	NS	0.005		0.0005 U
Dibromochloromethane	ug/l	50	NS		0.5 U
Dibromomethane	mg/l	NS	NS		0.0005 U
Dichlorodifluoromethane	mg/l	NS	0.005		0.0005 U
Ethylbenzene	mg/l	NS	0.005		0.0005 U
Hexachlorobutadiene	mg/l	NS	0.0005		0.0005 U
Isopropylbenzene (Cumene)	mg/l	NS	0.005		0.0005 U
m,p-Xylene	mg/l	NS	0.005		0.0005 U
Methylene Chloride	mg/l	NS	0.005		0.0005 U
N-Butylbenzene	mg/l	NS	0.005		0.0005 U
N-Propylbenzene	mg/l	NS	0.05		0.0005 U
O-Xylene (1,2-Dimethylbenzene)	mg/l	NS	0.005		0.0005 U
Sec-Butylbenzene	mg/l	NS	0.005		0.0005 U
Styrene	mg/l	NS	0.005		0.0005 U
T-Butylbenzene	mg/l	NS	0.005		0.0005 U

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				Sample Type	5/2/2019
				Sample ID	N
				Validated - Y/N	LACROIX TEST
					WELL
					Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Tert-Butyl Methyl Ether	mg/l	0.01	NS		0.0005 U
Tetrachloroethylene (PCE)	mg/l	NS	0.005		0.0005 U
Toluene	mg/l	NS	0.005		0.0005 U
Total Trihalomethanes	ug/l	NS	NS		0.5 U
Trans-1,2-Dichloroethene	mg/l	NS	0.005		0.0005 U
Trans-1,3-Dichloropropene	mg/l	NS	0.0004		0.0005 U
Trichloroethylene (TCE)	mg/l	NS	0.005		0.0005 U
Trichlorofluoromethane	mg/l	NS	0.005		0.0005 U
Vinyl Chloride	mg/l	NS	0.002		0.0005 U
Xylenes, Total	mg/l	NS	0.005		0.0005 U
E525					
Alachlor	mg/l	NS	0.0005		0.0002 U
Atrazine	mg/l	NS	0.0075		0.0002 U
Benzo(A)Pyrene	mg/l	NS	0		0.0002 U
Bis(2-Ethylhexyl) Phthalate	mg/l	NS	0.005		0.002 U
Butachlor	ug/l	NS	3.5		0.49 U
Diocetyl Adipate	ug/l	NS	NS		1.5 U
Hexachlorobenzene	mg/l	NS	0.00004		0.0002 U
Hexachlorocyclopentadiene	mg/l	NS	0.005		0.002 U
Metolachlor	mg/l	NS	NS		0.0002 U
Metribuzin	mg/l	NS	0.05		0.0002 U
Propachlor	mg/l	NS	0.035		0.0002 U
Simazine	mg/l	NS	0.0005		0.00049 U
E531.1					
3-Hydroxycarbofuran	mg/l	NS	NS		0.0025 U
Aldicarb	mg/l	NS	0.00035		0.0025 U
Aldicarb Sulfone	mg/l	0.002	NS		0.0025 U
Aldicarb Sulfoxide	mg/l	0.004	NS		0.0025 U
Carbofuran	mg/l	0.015	NS		0.0025 U
Methomyl	mg/l	NS	0.00035		0.0025 U
Oxamyl	mg/l	NS	0.05		0.0025 U
Sevin (Carbaryl)	mg/l	NS	0.029		0.0025 U
E537-LL					
NEtFOSAA	ng/l	NS	NS		1.8 U
NMeFOSAA	ng/l	NS	NS		2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l	NS	NS		0.19 U
Perfluorobutanoic Acid	ng/l	NS	NS		3.1 U
Perfluorodecane Sulfonic Acid	ng/l	NS	NS		0.3 U

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LaCroix Test Well Analytical Data
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				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
Perfluorodecanoic acid (PFDA)	ng/l	NS	NS	0.29	U
Perfluorododecanoic acid (PFDoA)	ng/l	NS	NS	0.52	U
Perfluoroheptane Sulfonate (PFHPS)	ng/l	NS	NS	0.18	U
Perfluoroheptanoic acid (PFHpA)	ng/l	NS	NS	0.24	U
Perfluorohexanesulfonic acid (PFHxS)	ng/l	NS	NS	0.25	U
Perfluorohexanoic acid (PFHxA)	ng/l	NS	NS	0.55	U
Perfluorononanoic acid (PFNA)	ng/l	NS	NS	0.25	U
Perfluorooctane Sulfonamide (FOSA)	ng/l	NS	NS	0.33	U
Perfluorooctanesulfonic acid (PFOS)	ng/l	NS	NS	0.51	U
Perfluorooctanoic acid (PFOA)	ng/l	NS	NS	0.8	U
Perfluoropentanoic Acid (PFPeA)	ng/l	NS	NS	0.46	U
Perfluorotetradecanoic acid (PFTA)	ng/l	NS	NS	0.27	U
Perfluorotridecanoic Acid (PFTriA)	ng/l	NS	NS	1.2	U
Perfluoroundecanoic Acid (PFUnA)	ng/l	NS	NS	1	U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l	NS	NS	1.9	U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l	NS	NS	1.9	U
E547					
Glyphosate	ug/l	50	NS	25	U
E548.1					
Endothal	ug/l	50	NS	10	U
E549.2					
Diquat Dibromide	ug/l	NS	NS	2	U
E552.2					
Chloroacetic Acid	ug/l	NS	NS	1	U
Dibromoacetic Acid	ug/l	NS	NS	1	U
Dichloroacetic Acid	ug/l	NS	NS	1	U
Haloacetic Acids 5, Total	ug/l	NS	NS	1	U
Haloacetic Acids, Total	ug/l	NS	NS	1	U
Monobromoacetic Acid	ug/l	NS	NS	1	U
Trichloroacetic Acid	ug/l	NS	NS	1	UJ
E555.2					
Haloacetic Acids 5, Total	ug/l	NS	NS	1	U
Haloacetic Acids, Total	ug/l	NS	NS	1	U
E900					
Alpha Radiation	pci/l	NS	15	- 0.242 ± 1.01	U
Beta Radiation	pci/l	NS	1000	1.21 ± 0.591	

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				Validated - Y/N	Y
Parameter	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
E903.1					
Radium-226	pci/l	NS	5	- 0.0713 ± 0.463 U	
E904.0					
Radium-228	pci/l	NS	5	- 0.367 ± 0.309 U	
SM2120B					
Color, Unknown	color unit	NS	NS	5 U	
SM2130B					
Turbidity	ntu	NS	NS	0.14	
SM2150B					
Odor	t.o.n.	NS	NS	1 U	
SM9223B					
Fecal Coliform	MPN/100 ml	NS	NS	1 U	
Colilert-18					
Total Coliform	per 100 ml	NS	NS	Negative	
SW1613B					
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/l	NS	0.7	9.5 U	
SW8015					
Propylene Glycol	mg/l	NS	NS	5 U	

Notes:

- N = Normal Environmental Sample
- FD = Field Duplicate Sample
- mfl = million fibers per liter
- mg/l = milligrams per liter
- MPN/100 ml = most probable number per 100 ml
- ng/l = nanograms per liter
- ntu = nephelometric turbidity units
- t.o.n. = threshold order number
- ug/l = micrograms per liter
- pg/l = picogram per liter

Qualifiers:

- J = Reported value is estimated.
- U = Analyte was analyzed for but not detected.