NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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MEMORANDUM

TO: Chad Staniszewski, Regional Engineer 2019.09.24 15:24:12 -04'00'

FROM: Benjamin McPherson, Project Manager Digitally signed by Benjamin McPherson DN: cn=Benjamin McPherson, o=Department of Environmental Conservation, ou=Division of Environmental Remediation, email=benjamin.mcpherson@dec.ny.gov, c=US Date: 2019.09.19 14:36:52 -04'00'

DATE: September 19, 2019

SUBJECT: ETE Sanitation and Landfill, #961005
Gainesville, Wyoming County
Reduction in Groundwater Monitoring

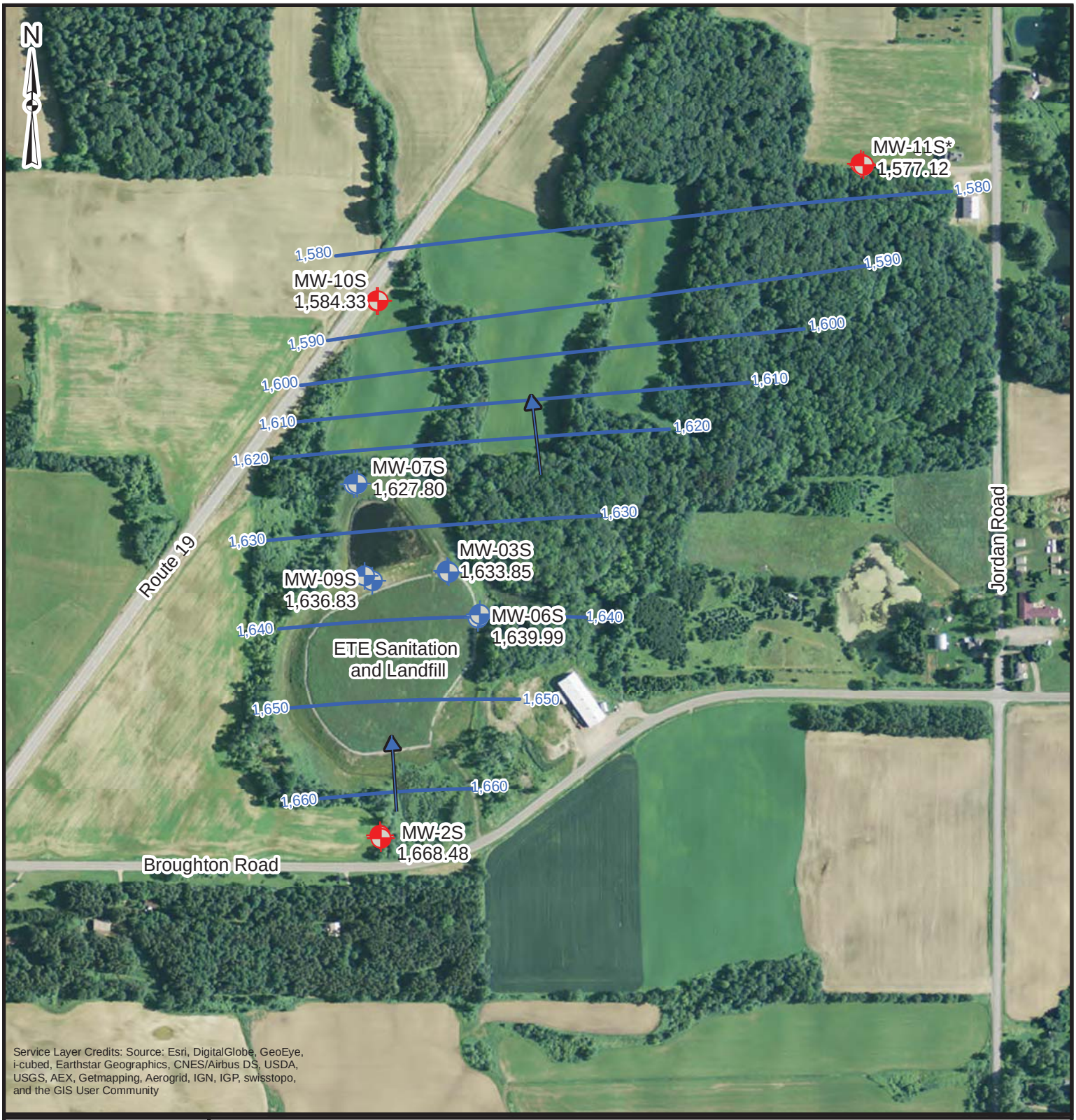
The ETE Sanitation and Landfill site was a privately-operated landfill that ceased operation in 1979. Chlorinated solvents were discovered within the landfill, and the site was subsequently remediated under State Superfund and closed to meet 6 NYCRR Part 360 landfill cap requirements. Closure of the landfill was substantially complete in 2007, with some limited repair to the landfill cap completed in 2008.

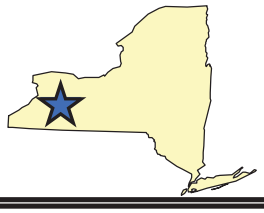
The 2008 Operations and Maintenance Plan (CDM Smith) and subsequent 2015 Site Management Plan (EA Science and Technology) included annual groundwater monitoring for VOCs, SVOCs, metals, and leachate parameters. Post construction groundwater monitoring only occurred in 2014 and 2018. Groundwater results from both of these events, documented that wells downgradient from the landfill meet groundwater quality standards for all compounds except some naturally occurring metals (iron, magnesium, manganese, and sodium). Note that the 2018 event also included emerging contaminants but did not analyze for the leachate parameters.

Considering that site contaminants of concern have not been detected in downgradient wells since post-closure, the frequency of groundwater monitoring required per the 2015 SMP will be reduced to biennial with analysis of VOCs and metals only (reflective of the contaminants of concern at the site). This reduction in monitoring will still allow DER to determine if the remedy remains protective of public health and the environment.

In addition, the site will be inspected annually per the 2015 Site Management Plan and a periodic review report will be completed triennially.

Attachments:
site figures [2], 2014 Groundwater Results, 2018 Groundwater Results





Offsite Groundwater Monitoring Well

Onsite Groundwater Monitoring Well

Inferred Groundwater Contour (ft AMSL)

Groundwater Flow Direction

1 in = 500 feet

0 250 500 1,000 Feet

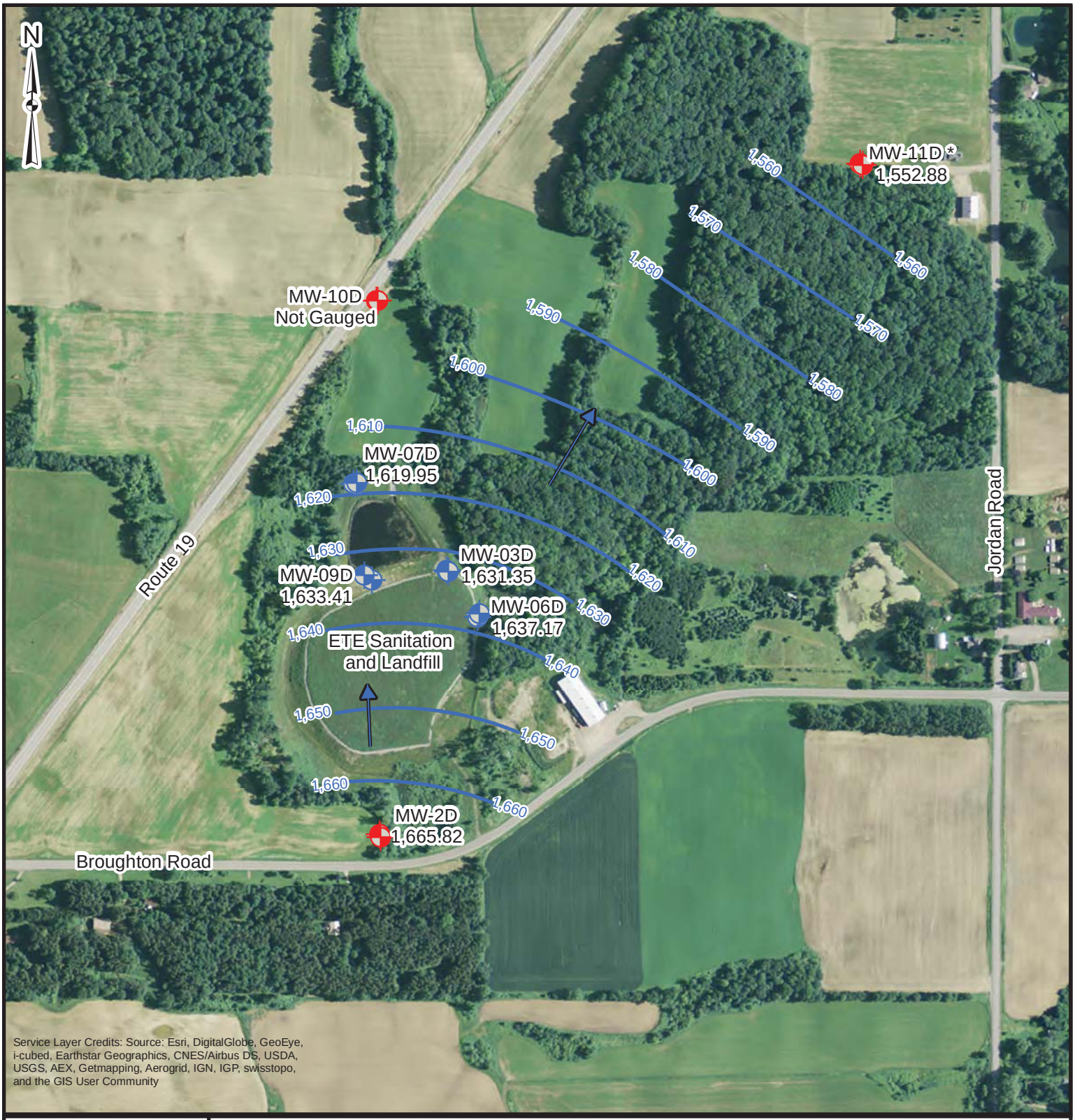
* MW-11S Gauged in January 2015

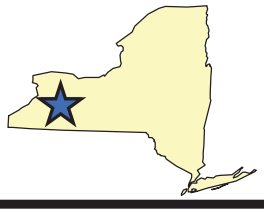
NEW YORK STATE OF OPPORTUNITY Department of Environmental Conservation

ETE SANITATION AND LANDFILL
(SITE NO. 961005)
GAINESVILLE, NEW YORK

FIGURE 4
SHALLOW GROUNDWATER
CONTOURS (DECEMBER 2014)

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
CJS	CJS	ALK	CJS	AS SHOWN	NOVEMBER 2015	14907.27	GIS\FIGURES\14907.27 ETE\GIS\MXDs





Offsite Groundwater Monitoring Well

Onsite Groundwater Monitoring Well

Inferred Groundwater Contour (ft AMSL)

Groundwater Flow Direction

1 in = 500 feet

0 250 500 1,000 Feet

* MW-11D Gauged in January 2015

NEW YORK STATE OF OPPORTUNITY Department of Environmental Conservation

ETE SANITATION AND LANDFILL
(SITE NO. 961005)
GAINESVILLE, NEW YORK

FIGURE 5
DEEP GROUNDWATER
CONTOURS (DECEMBER 2014)

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
CJS	CJS	ALK	CJS	AS SHOWN	NOVEMBER 2015	14907.27	GIS\FIGURES\14907.27 ETE\GIS\MXDs

Table 8 Summary of Groundwater Analytical Results Inorganic Compounds

Parameters List USEPA Method 8260B	MW ID	MW-02D		MW-03S		MW-03D		MW-06S		MW-06D		MW-07S		MW-07D		NYSDEC AWQS (µg/L)
	Lab ID	N2474-12		N2474-01		N2474-02		N2474-05		N2474-06		N2474-08		N2474-09		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/29/2014		12/30/2014		12/30/2014		12/30/2014		12/30/2014		12/29/2014		12/29/2014		
Acetone	µg/L	(<4.4)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	*50 (g)*
cis-1,2- Dichloroethene	(µg/L)	(<0.48)	U	1.7		(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	*5 (s)*
Trichloroethene	(µg/L)	(<0.36)	U	**9.2**		(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	*5 (s)*
Vinyl chloride	(µg/L)	(<0.50)	U	(<0.5)	U	**2.0**		34.6	U	(<0.50)	U	(<0.50)	U	(<0.50)	U	*2 (s)*
Parameters List USEPA Method 8260B	**MW ID**	**MW-09S**		**MW-09D**		**MW-10S**		**MW-11S**		**MW-11D**		**DUPLICATE**		**RINSE BLANK**		**NYSDEC AWQS (µg/L)**
	Lab ID	**N2474-03**		**N2474-04**		**N2474-13**		**P0007-01A**		**P0007-02A**		**N2474-07**		**N2474-11**		
	Sample Type	**Groundwater**		**Groundwater**		**Groundwater**		**Groundwater**		**Groundwater**		**Groundwater**				
	Sample Date	**12/30/2014**		**12/30/2014**		**12/29/2014**		**1/5/2015**		**1/5/2015**		**12/30/2014**		**12/29/2014**		
Acetone	(µg/L)	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	(<2.2)	U	4.9	J	*50 (g)*
cis-1,2- Dichloroethene	(µg/L)	(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	(<0.48)	U	*5 (s)*
Trichloroethene	(µg/L)	(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	(<0.36)	U	*5 (s)*
Vinyl chloride	(µg/L)	(<0.50)	U	(<0.50)	U	(<0.50)	U	(<0.50)	U	(<0.50)	U	**2.2**		(<0.50)	U	*2 (s)*

NOTE: NYSDEC = New York State Department of Environmental Conservation
AWQS = Ambient Water Quality Standard
µg/L = Micrograms per liter
J = Analyte detected below the practical quantification limit (PQL)
U = Analyte was analyzed for, but not detected above the associated method detection limit.
(g) = guidance value
(s) = standard
Analytical data results provided by Spectrum Analytical. Validation services are provided by Meridian Consultant Group, Inc.
Bold values indicate that the analyte was detected greater than the NYSDEC Ambient Water Quality Standards.
DUPLICATE sample was collected at MW-03D.

Table 8 Summary of Groundwater Analytical Results Inorganic Compounds

Parameters List USEPA Method 8270C	MW ID	MW-02D		MW-03S		MW-03D		MW-06S		MW-06D		MW-07S		MW-07D		NYSDEC AWQS (µg/L)
	Lab ID	N2474-12		N2474-01		N2474-02		N2474-05		N2474-06		N2474-08		N2474-09		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/29/2014		12/30/2014		12/30/2014		12/30/2014		12/30/2014		12/29/2014		12/29/2014		
4- Methylphenol	µg/L	**4.2**	J	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	*1 (s)*
Bis(2-ethylhexyl)phthalate	(µg/L)	1.3	J	(<1.3)	U	1.4	J	(<1.3)	U	(<1.3)	U	1.7	J	(<1.3)	U	*5 (s)*

Parameters List USEPA Method 8270C	MW ID	MW-09S		MW-09D		MW-10S		MW-11S		MW-11D		DUPLICATE		RINSE BLANK		NYSDEC AWQS (µg/L)
	Lab ID	N2474-03		N2474-04		N2474-13		P0007-01A		P0007-02A		N2474-07		N2474-11		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater				
	Sample Date	12/30/2014		12/30/2014		12/29/2014		1/5/2015		1/5/2015		12/30/2014		12/29/2014		
4- Methylphenol	(µg/L)	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	(<1.4)	U	*1 (s)*
Bis(2-ethylhexyl)phthalate	(µg/L)	(<1.3)	U	(<1.3)	U	2	J	(<1.3)	U	(<1.4)	U	(<1.3)	U	(<1.3)	U	*5 (s)*

NOTE: NYSDEC = New York State Department of Environmental Conservation
AWQS = Ambient Water Quality Standard
µg/L = Micrograms per liter
J = Analyte detected below the practical quantification limit (PQL).
U = Analyte was analyzed for, but not detected above the associated method detection limit.
(g) = NYSDEC Ambient Water Quality Standards guidance value
(s) = NYSDEC Ambient Water Quality Standards standard value
Analytical data results provided by Spectrum Analytical. Validation services are provided by Meridian Consultant Group, Inc.
Bold values indicate that the analyte was detected greater than the NYSDEC Ambient Water Quality Standards.
DUPLICATE sample was collected at MW-03D.

Table 8 Summary Of Groundwater Analytical Results Inorganic Compounds

PaA2:Q55rameters List USEPA Method 6010 / 7470	MW ID	MW-02D		MW-03S		MW-03D		MW-06S		MW-06D		MW-07S		MW-07D		NYSDEC AWQS (µg/L)
	Lab ID	N2474-12		N2474-01		N2474-02		N2474-05		N2474-06		N2474-08		N2474-09		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/29/2014		12/30/2014		12/30/2014		12/30/2014		12/30/2014		12/29/2014		12/29/2014		
Aluminum	µg/L	498		170	J	163	J	(<66)	U	4,830		2,270		189	J	---
Arsenic	µg/L	(<5.6)	U	(<4.3)	U	(<8.8)	U	(<4.3)	U	(<4.3)	U	(<4.3)	U	(<4.3)	U	---
Barium	µg/L	163	J	112	J	600	J	34.6	J	236		26.0	J	**1,940**		*1,000 (s)*
Beryllium	µg/L	(<0.26)	U	(<0.26)	U	(<0.26)	U	(<0.26)	U	0.26	J	(<0.26)	U	(<0.26)	U	*3 (g)*
Cadmium	µg/L	(<0.89)	U	(<0.89)	U	(<0.89)	U	(<0.89)	U	(<0.89)	U	(<0.89)	U	(<0.89)	U	*5 (s)*
Calcium	µg/L	141,000		124,000		132,000	J	192,000		67,900		47,200		195,000		---
Chromium	µg/L	**52.7**		**125**		4.7	J	3.4	J	13.4	J	6.5	J	6.1	J	*50 (s)*
Cobalt	µg/L	0.8	J	14.2	J	(<0.67)	U	1.6	J	3.8	J	1.4	J	(<0.67)	U	---
Copper	µg/L	18.3	J	15.4	J	(<3.6)	U	4.3	J	11.7	J	14.3	J	6.3	J	*200 (s)*
Iron	µg/L	**4,040**		**1,160**		**6,950**	J	**756**		**11,100**		**3,610**		**3,180**		*300 (s)*
Magnesium	µg/L	34,500		15,900		26,500	J	26,600		19,200		5,190		**46,400**		*35,000 (g)*
Manganese	µg/L	144		**5,660**		71.7	J	**1,570**		197		32.7	J	116		*300 (s)*
Mercury	µg/L	(<0.028)	U	(<0.17)	U	(<0.16)	U	(<0.028)	U	(<0.028)	U	(<0.032)	U	(<0.028)	U	*0.7 (s)*
Nickel	µg/L	30.9	J	83.3		3.1	J	3.0	J	12.4	J	6.1	J	6.0	J	*100 (s)*
Potassium	µg/L	1,750		4,430		5,780	J	2,450		2,170		1,770		4,340		---
Selenium	µg/L	(<12)	U	(<12)	U	(<12)	U	(<12)	U	(<12)	U	(<12)	U	(<12)	U	*10 (s)*
Sodium	µg/L	19,500		16,300		**170,000**	J	8,090		6,440		**41,800**		**1,910,000**		*20,000(s)*
Thallium	µg/L	(<6.2)	U	**7.2**	J	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	*0.5(g)*
Vanadium	µg/L	(<1.1)	U	1.2	J	(<1.1)	U	(<1.1)	U	8.6	J	3.5	J	(<1.1)	U	---
Zinc	µg/L	112	J+	(<27.8)	U	(<45.5)	U	(<36.6)	U	(<44.9)	U	(<30)	U	(<46)	U	*2,000 (g)*

Parameters List USEPA Method 6010 / 7470	MW ID	MW-09S		MW-09D		MW-10S		MW-11S		MW-11D		DUPLICATE		RINSE BLANK		NYSDEC AWQS (µg/L)
	Lab ID	N2474-03		N2474-04		N2474-13		P0007-01A		P0007-02A		N2474-07		N2474-11		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater				
	Sample Date	12/30/2014		12/30/2014		12/29/2014		1/5/2015		1/5/2015		12/30/2014		12/29/2014		
Aluminum	µg/L	110	J	476		214		150	J	540		185	J	(<66)	U	---
Arsenic	µg/L	(<4.3)	U	(<4.3)	U	(<9.8)	U	(<4.3)	U	4.5	J	(<4.3)	U	(<4.3)	U	---
Barium	µg/L	487		458		138	J	10	J	130	J	**1,030**	J	(<1.1)	U	*1,000 (s)*
Beryllium	µg/L	(<0.26)	U	(<0.26)	U	(<0.26)	U	(<0.26)	U	(<0.26)	U	(<0.26)	U	(<0.26)	U	*3 (g)*
Cadmium	µg/L	(<0.89)	U	(<0.89)	U	1.5	J	(<0.89)	U	(<0.89)	U	(<0.89)	U	(<0.89)	U	*5 (s)*
Calcium	µg/L	155,000		89,200		58,100				76,000		201,000	J	(<110)	U	---
Chromium	µg/L	2.3	J	2.5	J	12.7	J	1.6	J	2.5	J	5.4	J	(<0.64)	U	*50 (s)*
Cobalt	µg/L	0.9	J	(<0.67)	U	(<0.67)	U	(<0.67)	U	1.2	J	0.8	J	(<0.67)	U	---
Copper	µg/L	9.0	J	(<3.6)	U	4.1	J	(<3.6)	U	(<3.6)	U	(<3.6)	U	(<3.6)	U	*200 (s)*
Iron	µg/L	**1,360**		**3,740**		**9,360**		**470**		**4,800**		**9,680**	J	(<31)	U	*300 (s)*
Magnesium	µg/L	28,400		20,200		14,000		5,600		17,000		**51,300**	J	(<76)	U	*35,000 (g)*
Manganese	µg/L	257		154		180		(<10)	U	150		166	J	(<10)	U	*300 (s)*
Mercury	µg/L	(<0.14)	U	(<0.028)	U	(<0.057)	U	0.140	J	0.032	J	(<0.028)	U	(<0.028)	U	*0.7 (s)*
Nickel	µg/L	14.8	J	1.0	J	6.8	J	(<0.85)	U	1.7	J	4.8	J	(<0.85)	U	*100 (s)*
Potassium	µg/L	17,200		1,210		742	J	110	J	1,100		4,160	J	(<76)	U	---
Selenium	µg/L	(<12)	U	(<12)	U	(<12)	U	(<12)	U	(<12)	U	**12.1**	J	(<12)	U	*10 (s)*
Sodium	µg/L	**3,300,000**		9,370		**110,000**		1,900		**22,000**		**291,000**	J	551	J	*20,000(s)*
Thallium	µg/L	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	(<6.2)	U	*0.5(g)*
Vanadium	µg/L	(<1.1)	U	(<1.1)	U	(<1.1)	U	(<1.1)	U	1.5	J	1.2	J	(<1.1)	U	---
Zinc	µg/L	(<16.9)	U	(<9.4)	U	67.5	J+	7.1	J	10.0	J	(<34)	U	6.4	J	*2,000 (g)*

NOTE: NYSDEC = New York State Department of Environmental Conservation
AWQS = Ambient Water Quality Standard
µg/L = Micrograms per liter
--- = no applicable screening value.
J = Analyte detected below the practical quantification limit (PQL).
U = Analyte was analyzed for, but not detected below the laboratory reporting limit.
J+ = Analyte present. Reported value may be biased high. Result is estimated high.
(g) = NYSDEC Ambient Water Quality Standards guidance value
(s) = NYSDEC Ambient Water Quality Standards standard value
Analytical data results provided by Spectrum Analytical. Validation services are provided by Meridian Consultant Group, Inc.
Bold values indicate that the analyte was detected greater than the NYSDEC Ambient Water Quality Standards.
DUPLICATE sample was collected at MW-03D.

Table 8 Summary of Groundwater Analytical Results
Groundwater Quality Parameters

Parameters List USEPA Method	MW ID	MW-02D		MW-03S		MW-03D		MW-06S		MW-06D		MW-07S		MW-07D		NYSDEC AWQS (µg/L)
	Lab ID	N2474-12		N2474-01		N2474-02		N2474-05		N2474-06		N2474-08		N2474-09		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/29/2014		12/30/2014		12/30/2014		12/30/2014		12/30/2014		12/29/2014		12/29/2014		
Organic Carbon, Total	µg/L	16,000	J-	(<5,000)	U	(<2,500)	U	(<6,100)	U	(<2,200)	U	(<6,500)	U	(<9,200)	U	---
Chemical Oxygen Demand	µg/L	71,000		(<10,000)	U	13,000	J	11,000	J	(<10,000)	U	12,000	J	70,000		---
Nitrogen, Kjeldahl, Total	µg/L	8,890		420		840		350		280		350		1,330		---
Ammonia	µg/L	1,960	J+	(<210)	U	(<420)	U	(<210)	U	(<210)	U	(<140)	U	(<770)	U	2,000 (s)
Total Dissolved Solids	µg/L	441,000		457,000		1,540,000		688,000		185,000		212,000		4,420,000		---
Total Hardness	µg/L	490,000		380,000		440,000	J	590,000		550,000		140,000		680,000		---
Phenolics, Total Recoverable	µg/L	**21**		(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	1 (s)
Nitrogen, Nitrate-Nitrite	µg/L	(<990)		(<500)	U	(<2,020)	U	(<1,020)	U	(<990)	U	(<495)	U	(<990)	U	10,000 (s)
Bromide	µg/L	69	J	(<60)	U	730	J	(<60)	U	(<60)	U	(<60)	U	**3,100**		2,000 (g)
Chloride	µg/L	59,000		2,300		**510,000**	J	1,300	J	17,000		3,100		**2,800,000**		250,000 (s)
Sulfate	µg/L	58,000		72,000		9,300	J	**310,000**		20,000		44,000		27,000		250,000 (s)
Alkalinity, Total (As $CaCO_3$)	µg $CaCO_3$/L	320,000		350,000		230,000		250,000		170,000		220,000		500,000		---
Color	color unit	15		(<10)	U	35	J	10		25		85		35		---

Parameters List USEPA Method	MW ID	MW-09S		MW-09D		MW-10S		MW-11S		MW-11D		DUPLICATE		RINSE BLANK		NYSDEC AWQS (µg/L)
	Lab ID	N2474-03		N2474-04		N2474-13		P0007-01A		P0007-02A		N2474-07		N2474-11		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater				
	Sample Date	12/30/2014		12/30/2014		12/29/2014		1/5/2015		1/5/2015		12/30/2014		12/29/2014		
Organic Carbon, Total	µg/L	12,000	J-	(<7,300)	U	(<2,800)	U	(<2.0)	U	(<2,000)	U	(<3,400)	U	(<2,000)	U	---
Chemical Oxygen Demand	µg/L	49,000		11,000	J	(<10,000)	U	(<10)	U	(<10,000)	U	12,000	J	(<10,000)	U	---
Nitrogen, Kjeldahl, Total	µg/L	3,780		490		(<166)	U	210	J	350	J	980		(<166)	U	---
Ammonia	µg/L	**3,150**	J+	(<280)	U	(<210)	U	(<118)	U	(<118)	U	(<700)	U	210		2,000 (s)
Total Dissolved Solids	µg/L	7,920		336,000		422,000		87,000		251,000		1,590,000		13,000		---
Total Hardness	µg/L	500,000		310,000		200,000		89,000		260,000		710,000	J	(<300)	U	---
Phenolics, Total Recoverable	µg/L	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	(<5.0)	U	1 (s)
Nitrogen, Nitrate-Nitrite	µg/L	(<495)		(<495)		(<495)		1,390		(<248)	U	(<406)	U	657		10,000 (s)
Bromide	µg/L	880		88	J	130		(<60)	U	(<60)	U	210	J	(<60)	U	2,000 (g)
Chloride	µg/L	**4,800,000**		61,000		82,000		1,900	J	24,000		**650,000**	J	(<280)	U	250,000 (s)
Sulfate	µg/L	54,000		(<1,000)	U	44,000		7,100		36,000		5,300	J	370	J	250,000 (s)
Alkalinity, Total (As $CaCO_3$)	µg $CaCO_3$/L	670,000		250,000		240,000		75,000		180,000		260,000		(<20,000)	U	---
Color	color unit	45		55		(<10)	U	(<10)	U	35		(<10)	U	(<10)	U	---

NOTE:
NYSDEC = New York State Department of Environmental Conservation
AWQS = Ambient Water Quality Standard
µg/L = Micrograms per liter
J = Analyte detected below the practical quantification limit (PQL).
J+ = Analyte present. Reported value my be biased high. Result is estimated high.
U = Analyte was analyzed for, but not detected below the laboratory reporting limit.
J- = Analyte present. Reported value my be biased low. Result is estimated low.
D = Indicates the compound concentration is the result of a dilution.
(g) = NYSDEC Ambient Water Quality Standards guidance value
(s) = NYSDEC Ambient Water Quality Standards standard value
Analytical data results provided by Spectrum Analytical. Validation services are provided by Meridian Consultant Group, Inc.
Bold values indicate that the analyte was detected greater than the NYSDEC Ambient Water Quality Standards.
DUPLICATE sample was collected at MW-03D.

Table 1
PFAS and 1,4-Dioxane Groundwater Data Summary

Group	CAS No.	Emerging Contaminant	Abbreviation	Sample ID:	MW-2R	MW-7S	MW-11S	MW-11S DUP	EB
				Lab Sample ID:	480-142503-1 & 320-43696-1	480-142274-1	480-142274-2	480-142274-3	480-142274-4
				Date Sampled:	09/27/2018	09/18/2018	09/20/2018	09/20/2018	9/20/2018
				DTW (ft btoc)	14.00	9.17	8.67	8.67	NA
Perfluoroalkyl carboxylates	375-22-4	Perfluorobutanoic Acid	PFBA	(ng/L)	ND<1.8 UJ	4.5	ND<2.0 U	ND<1.9 U	ND<2.0 U
	2706-90-3	Perfluoropentanoic Acid	PFPeA	(ng/L)	ND<1.8 U	ND<1.9 UJ	ND<2.0 U	ND<1.9 U	ND<2.0 U
	307-24-4	Perfluorohexanoic Acid	PFHxA	(ng/L)	ND<1.8 U	ND<1.9 UJ	ND<2.0 U	ND<1.9 U	ND<2.0 U
	375-85-9	Perfluoroheptanoic Acid	PFHpA	(ng/L)	ND<1.8 U	ND<1.9 UJ	ND<2.0 U	ND<1.9 U	ND<2.0 U
	335-67-1	Perfluorooctanoic Acid	PFOA	(ng/L)	ND<1.8 U	7.8	ND<2.0 U	ND<1.9 U	ND<2.0 U
	375-95-1	Perfluorononanoic Acid	PFNA	(ng/L)	ND<1.8 UJ	ND<1.9 UJ	ND<2.0 U	ND<1.9 U	ND<2.0 U
	335-76-2	Perfluorodecanoic Acid	PFDA	(ng/L)	ND<1.8 UJ	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
	2058-94-8	Perfluoroundecanoic Acid	PFUnA	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
	307-55-1	Perfluorododecanoic Acid	PFDoA	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
	72629-94-8	Perfluorotridecanoic Acid	PFTriA	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
	376-06-7	Perfluorotetradecanoic Acid	PFTeA	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
Perfluoroalkyl sulfonates	375-73-5	Perfluorobutanesulfonic Acid	PFBS	(ng/L)	ND<1.8 U	ND<1.9 UJ	ND<2.0 U	ND<1.9 U	ND<2.0 U
	355-46-4	Perfluorohexanesulfonic Acid	PFHxS	(ng/L)	ND<1.8 UJB	ND<1.9 UJB	ND<2.0 UJB	ND<1.9 UJB	ND<2.0 UJB
	375-92-8	Perfluoroheptanesulfonic Acid	PFHpS	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
	1763-23-1	Perfluorooctanesulfonic Acid	PFOS	(ng/L)	ND<1.8 U	7.2	ND<2.0 U	ND<1.9 U	ND<2.0 U
	335-77-3	Perfluorodecanesulfonic Acid	PFDS	(ng/L)	ND<1.8 UJ	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
Perfluorooctane-sulfonamides	754-91-6	Perfluorooctane Sulfonamide	FOSA	(ng/L)	ND<1.8 U	ND<1.9 U	ND<2.0 U	ND<1.9 U	ND<2.0 U
Perfluorooctane-sulfonamidoacetic	2355-31-9	N-methyl Perfluorooctane Sulfonamidoacetic Acid	NMeFOSAA	(ng/L)	ND<1.8 U	ND<19 U	ND<20 U	ND<19 U	ND<20 U
	2991-50-6	N-ethyl Perfluorooctane Sulfonamidoacetic Acid	NEtFOSAA	(ng/L)	ND<1.8 U	ND<19 U	ND<20 U	ND<19 U	ND<20 U
Fluorinated Telomer Sulfonates	27619-97-2	6:2FTS	6:2FTS	(ng/L)	ND<18 U	ND<19 U	ND<20 UJ	ND<19 U	ND<20 UJ
	39108-34-4	8:2FTS	8:2FTS	(ng/L)	ND<18 U	ND<19 U	ND<20 U	ND<19 U	ND<20 U
1,4-Dioxane	123-91-1	1,4-Dioxane	1,4-Dioxane	(µg/L)	ND<0.20 U	ND<0.20 U	ND<0.20 U	ND<0.20 U	ND<0.20 U

Notes:

ft btoc	= Feet below top of casing
µg/L	= Micrograms per liter
ng/L	= Nanograms per liter
NA	= Not applicable
ND<#	= Not detected at or above indicated laboratory reporting limit.
U	= Analyte analyzed for, but not detected above the sample's reported quantitation limit
B	= An analyte identified in method blank
UJ	= Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

ETE Samitation and Landfill, NYSDEC Spill # 961005
Broughton Road, Gainsville New York

Table 2
VOCs Groundwater Data Summary

COMPOUND	NYSDEC TOGS 1.1.1 Class GA AWQS	UNITS:	Location ID:	MW-2SR	MW-2DR	MW-3SR	MW-3DR	MW-6S	MW-6D	MW-7S	MW-7D	MW-9S	MW-9D	MW-11S	MW-11S DUP	MW-11D	EB
			Lab Sample ID:	480-142273-1	NA	480-142273-1	480-142273-2	480-142273-3	480-142273-4	480-142273-5	480-142273-6	480-142273-7	480-142273-8	480-142273-9	480-142273-10	480-142503-2	480-142273-11
			Depth to Water (ft btoc):	14.00	27.65	14.24	19.31	19.20	21.33	9.17	16.28	8.61	11.70	8.67	8.67	31.35	NA
			Matrix:	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled:	9/27/2018	9/27/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/19/2018	9/19/2018	9/20/2018	9/21/2018	9/27/2018	9/21/2018
VOLATILE ORGANIC COMPOUNDS (VOCs)																	
1,1,1-Trichloroethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,1,2,2-Tetrachloroethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	(µg/L)		ND (<1.0) UJ	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) UJ	ND (<1.0) U
1,1,2-Trichloroethane	1	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,1-Dichloroethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) UJ	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,1-Dichloroethene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2,4-Trichlorobenzene	NS	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2-Dibromo-3-chloropropane	0.04	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2-Dibromoethane	NS	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2-Dichlorobenzene	3	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2-Dichloroethane	0.6	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,2-Dichloropropane	1	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,3-Dichlorobenzene	3	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
1,4-Dichlorobenzene	3	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
2-Butanone (MEK)	NS	(µg/L)		ND (<10) U	NA	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<40) UB	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<10) U	ND (<10) UJB
2-Hexanone	50	(µg/L)		ND (<5) U	NA	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<20) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U
4-Methyl-2-pentanone (MIBK)	NS	(µg/L)		ND (<5) U	NA	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<20) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U	ND (<5) U
Acetone	50	(µg/L)		ND (<10) U	NA	ND (<10) UB	ND (<10) UB	ND (<10) UJB	ND (<10) UB	ND (<10) UJB	ND (<10) UJB	ND (<40) UJB	ND (<10) UB	ND (<10) UB	ND (<10) UB	ND (<10) U	ND (<10) UJB
Benzene	1	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Bromodichloromethane	50	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Bromoform	50	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Bromomethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Carbon Disulfide	60	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Carbon tetrachloride	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Chlorobenzene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Chloroethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<4.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) U	ND (<1.0) U
Chloroform	7	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Chloromethane	NS	(µg/L)		ND (<1.0) U	NA	ND (<1.0) UJ	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
cis-1,2-Dichloroethene	5	(µg/L)		ND (<1.0) U	NA	**16**	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
cis-1,3-Dichloropropene	NS	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Cyclohexane	NS	(µg/L)		ND (<1.0) UJ	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) UJ	ND (<1.0) U
Dibromochloromethane	50	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Dichlorodifluoromethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) UJ
Ethylbenzene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Isopropylbenzene	5	(µg/L)		ND (<1.0) UJ	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) UJ	ND (<1.0) U
Methyl acetate	NS	(µg/L)		ND (<2.5) U	NA	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<10) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U	ND (<2.5) U
Methyl tert-butyl ether	10	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Methylcyclohexane	NS	(µg/L)		ND (<1.0) UJ	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) UJ	ND (<1.0) U
Methylene chloride	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Styrene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Tetrachloroethene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Toluene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
trans-1,2-Dichloroethene	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
trans-1,3-Dichloropropene	0.4	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Trichloroethene	5	(µg/L)		ND (<1.0) U	NA	**19**	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<4.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U	ND (<1.0) U
Trichlorofluoromethane	5	(µg/L)		ND (<1.0) U	NA	ND (<1.0) U	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<4.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) U	ND (<1.0) U
Vinyl Chloride	2	(µg/L)		ND (<1.0) U	NA	1.1	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<4.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) UJ	ND (<1.0) U	ND (<1.0) U
Xylenes, Total	5	(µg/L)		ND (<2.0) U	NA	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<8.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U	ND (<2.0) U
Total VOCs	NS	(µg/L)		ND	NA	36.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
µg/L = micrograms per liter
NYSDEC June 1998 Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold values exceed the NYSDEC Class GA groundwater standard/guidance value.
NM = Not Measured
NS = No Standard
NA = Not Applicable/Analyzed
ND (<#) = Indicates compound was analyzed for, but not detected at or above the reporting limit.
(J) = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit. The concentration is an approximate value.

Table 3
SVOCs Groundwater Data Summary

	NYSDEC TOGS 1.1.1 Class GA AWQS	Sample ID:	MW-2SR	MW-2DR	MW-3SR	MW-3DR	MW-6S	MW-6D	MW-7S	MW-7D	MW-9S	MW-9D	MW-11S	MW-11S DUP	WM-11D	EB
		Lab Sample ID:	480-142503-1	NA	480-142273-1	480-142273-2	480-142273-3	480-142273-4	480-142273-5	480-142273-6	480-142273-7	480-142273-8	480-142273-9	480-142273-10	480-142503-2	480-142273-11
		Depth to Water (ft btoc):	14.00	27.65	14.24	19.31	19.20	21.33	9.17	16.28	8.61	11.70	8.67	8.67	31.35	NA
		Matrix:	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
		Date Sampled:	9/27/2018	9/27/2018	9/18/2018	9/18/2018	9/19/2018	9/18/2018	9/18/2018	9/18/2018	9/19/2018	9/19/2018	9/20/2018	9/21/2018	9/27/2018	9/21/2018
COMPOUND		**UNITS:**														
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)																
1,1'-Biphenyl	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,4,5-Trichlorophenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,4,6-Trichlorophenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,4-Dichlorophenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,4-Dimethylphenol	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,4-Dinitrophenol	10	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
2,4-Dinitrotoluene	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2,6-Dinitrotoluene	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2-Chloronaphthalene	10	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2-Chlorophenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2-Methylnaphthalene	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2-Methylphenol (o-cresol)	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
2-Nitroaniline	5	(µg/L)	ND (<5.0) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
2-Nitrophenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
3,3'-Dichlorobenzidine	5	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
3-Nitroaniline	5	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
4,6-Dinitro-2-methylphenol	NS	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
4-Bromophenyl phenyl ether	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
4-Chloro-3-methylphenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
4-Chloroaniline	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
4-Chlorophenyl phenyl ether	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
4-Methylphenol (p-cresol)	1[1]	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
4-Nitroaniline	5	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
4-Nitrophenol	1[1]	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) UJ	ND (<10) U	ND (<10) UJ
Acenaphthene	20	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Acenaphthylene	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Acetophenone	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Anthracene	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Atrazine	7.5	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) UJ	ND (<5.0) UJ
Benzaldehyde	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzo[a]anthracene	0.002	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzo[a]pyrene	0	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzo(b)fluoranthene	0.002	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzo[g,h,i]perylene	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzo[k]fluoranthene	0.002	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Benzyl butyl phthalate	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
bis(2-Chloroethoxy)methane	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
bis(2-Chloroethyl) ether	1.0	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
bis(2-Chloroisopropyl) ether [2,2'-oxybis(2-chloropropane)]	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
bis(2-Ethylhexyl) phthalate	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Caprolactam	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Carbazole	NS	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
Chrysene	0.002	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Dibenz[a,h]anthracene	NS	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Dibenzofuran	NS	(µg/L)	ND (<10) U	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U
Diethyl phthalate	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Dimethyl phthalate	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Di-n-butyl phthalate	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) UJ	ND (<25) UJ	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U	0.35	ND (<5.0) U
Di-n-octyl phthalate	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Fluoranthene	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Fluorene	50	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
Hexachlorobenzene	0.04	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Hexachlorobutadiene	0.5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U	ND (<5.0) UJ
Hexachlorocyclopentadiene	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Hexachloroethane	5	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Indeno[1,2,3-cd]pyrene	0.002	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Isophorone	50	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
Naphthalene	10	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Nitrobenzene	0.4	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
N-Nitrosodi-n-propylamine	NS	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
N-Nitrosodiphenylamine	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Pentachlorophenol	1[1]	(µg/L)	ND (<10) UJ	NA	ND (<10) U	ND (<10) U	ND (<50) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) UJ	ND (<10) U
Phenanthrene	50	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Phenol	1[1]	(µg/L)	ND (<5.0) U	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
Pyrene	50	(µg/L)	ND (<5.0) UJ	NA	ND (<5.0) U	ND (<5.0) U	ND (<25) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) UJ	ND (<5.0) U
Total SVOCs	NS	(µg/L)	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35	ND

Notes:
µg/L = micrograms per liter
NYSDEC TOGS 1.1.1 Class GA AWQS = New York State Department of Environmental Conservation Tecknical and Operation Guidance Series Ambient Water Quality Standards and Guidance Values for Groundwater Class GA.
Bold values exceed the NYSDEC Class GA groundwater standard/guidance value.
NM = Not Measured
NS = No Standard
NA = Not Applicable/Analyzed
ND (<#) = Indicates compound was analyzed for, but not detected at or above the reporting limit.
(J) = Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit. The concentration is an approximate value.

Table 4
Metals Groundwater Data Summary

	NYSDEC TOGS 1.1.1 Class GA AWQS	Sample ID:	MW-2R	MW-2DR	MW-3S	MW-3D	MW-6S	MW-6D	MW-7S	MW-7D	MW-9S	MW-9D	MW-11S	MW-11S DUP	MW-11D	EB
		Lab Sample ID:	480-142503-1	NA	480-142273-1	480-142273-2	480-142273-3	480-142273-4	480-142273-5	480-142273-6	480-142273-7	480-142273-8	480-142273-9	480-142273-10	480-142503-2	480-142273-11
		Depth to Water (ft btoc):	14.00	27.65	14.24	19.31	19.20	21.33	9.17	16.28	8.61	11.70	8.67	8.67	31.35	NA
		Matrix:	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
		Date Sampled:	9/27/2018	9/27/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/19/2018	9/19/2018	9/20/2018	9/21/2018	9/27/2018	9/21/2018
COMPOUND		**UNITS:**														
Metals																
Aluminium	-	**(µg/L)**	2500	NA	ND (<200) U	ND (<200) UJ	5000	1300	1900	1300	ND (<200) U	200	ND (<200) U	ND (<200) U	4400	ND (<200) U
Antimony	6	**(µg/L)**	ND (<20) UJ	NA	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ
Arsenic	50	**(µg/L)**	ND (<15) UJ	NA	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ	ND (<15) UJ
Barium	2,000	**(µg/L)**	220 J	NA	340 J	1100 J	160 J	190 J	32 J	1500 J	620 J	390 J	8.7 J	8.6 J	140 J	ND (<2) UJ
Beryllium	3.0	**(µg/L)**	ND (<20) UJ	NA	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ
Cadmium	10.0	**(µg/L)**	ND (<20) UJ	NA	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ	ND (<2) UJ
Calcium	-	**(µg/L)**	127000	NA	95100 J	237000 J	143000 J	55800 J	34700 J	153000 J	50400 J	78900 J	28100 J	27800 J	72600	ND (<500) UJ
Chromium, Total	100	**(µg/L)**	4.4 J	NA	ND (<4) UJ	ND (<4) UJ	28 J	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	6.5 J	ND (<4) UJ
Cobalt	-	**(µg/L)**	ND (<4.0) UJ	NA	ND (<4) UJ	ND (<4) UJ	30 J	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	ND (<4) UJ	0.24 J	ND (<4) UJ
Copper	1,000	**(µg/L)**	ND (<10) UJ	NA	ND (<10) UJ	ND (<10) UJ	10 J	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	6.6 J	ND (<10) UJ
Cyanide, Total	200	**(µg/L)**	ND (<10) UJ	NA	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) U	ND (<10) UJ	ND (<10) U	ND (<10) UJ	ND (<10) U
Iron	600	**(µg/L)**	**3400**	NA	**2100**	**2400**	**16700**	**2400**	**1800**	**3900**	**2400**	**2300**	ND (<50) UJ	ND (<50) UJ	**10500**	ND (<50) U
Lead	50	**(µg/L)**	ND (<10) UJ	NA	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	5.0 J	ND (<10) UJ
Magnesium	35,000	**(µg/L)**	32700	NA	23500 J	**63900 J**	20000 J	15100 J	4100 J	**39700 J**	8100 J	17300 J	5500 J	5400 J	17800	ND (<200) UJ
Manganese	600	**(µg/L)**	**640 JB**	NA	**940 JB**	120 B	**8000 B**	54 B	70 B	100 B	130 B	100 B	ND (<3) UJB	ND (<3) UJB	170 B	ND (<3) UJB
Mercury	1.4	**(µg/L)**	ND (<0.2) U	NA	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U	ND (<0.2) U
Nickel	200	**(µg/L)**	ND (<10) UJ	NA	ND (<10) UJ	ND (<10) UJ	13 J	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	13 J	ND (<10) UJ	ND (<10) UJ	ND (<10) UJ	6.6 J	ND (<10) UJ
Potassium	-	**(µg/L)**	2500	NA	2000	2500	1900	1200	2700	3400	21400	1200	ND (<500) UJ	ND (<500) UJ	2100	ND (<500) U
Selenium	20.0	**(µg/L)**	ND (<25) U	NA	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ	ND (<25) UJ
Silver	100	**(µg/L)**	ND (<6) U	NA	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ	ND (<6) UJ
Sodium	-	**(µg/L)**	134000	NA	67500 J	199000 J	3600 J	5400 J	97800 J	1520000 J	3760000 J	8500 J	1800 J	1700 J	14300	ND (<1000) UJ
Thallium	0.5	**(µg/L)**	ND (<20) UJ	NA	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ	ND (<20) UJ
Vanadium	-	**(µg/L)**	ND (<5) UJ	NA	ND (<5) UJ	ND (<5) UJ	9.5 J	ND (<5) UJ	ND (<5) UJ	ND (<5) UJ	ND (<5) UJ	ND (<5) UJ	ND (<5) UJ	ND (<5) UJ	7.2 J	ND (<5) UJ
Zinc	5,000	**(µg/L)**	18 JB	NA	ND (<10) UJB	ND (<10) UJB	34 JB	ND (<10) UJB	15 JB	170 JB	ND (<10) UJB	ND (<10) UJB	ND (<10) UJB	ND (<10) UJB	19 B	ND (<10) UJB

Bold values indicate analytical result exceedes TOGS 1.1.1 WQS

TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000

µg/L = micrograms per liter

- = no published regulatory standard

J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.

F1= MS and or MSD Recovery is outside acceptable limits

NA = not analyzed