

Mr. Michael Squire  
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New York State Department of Environmental Conservation  
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Date: November 19, 2021  
Our Ref: 30076500  
Subject: **2021 Groundwater Sampling & Soil Cover Inspection Report**  
NYSEG Waterville Former MGP Site  
Waterville, New York

Dear Mr. Squire,

On behalf of NYSEG, Arcadis of New York, Inc. (Arcadis) is pleased to present this annual report summarizing the results of groundwater sampling and soil cover inspection activities conducted in 2021 at the Waterville manufactured gas plant (MGP) site. Relevant background information is provided below, followed by a discussion of the 2021 results and recommendations for the site.

## Background

As required by the New York State Department of Environmental Conservation's (NYSDEC's) Record of Decision (ROD) issued in March 2002, NYSEG administered a 5-year post-interim remedial measure (IRM) groundwater and soil cover monitoring program at the Waterville, New York Former MGP site. The 5-year monitoring program consisted of sampling eight monitoring wells for BTEX (benzene, toluene, ethylbenzene, and xylenes) and PAHs (polycyclic aromatic hydrocarbons) on a biannual basis from May 2002 to November 2006. NYSEG submitted an evaluation of the results of this monitoring program to the NYSDEC on May 8, 2007. Based on the NYSDEC's comments on this evaluation, NYSEG agreed (in a letter dated January 4, 2008) to revise the scope of the monitoring to sampling just one well (MW98-7D) and continuing with the soil cover inspections annually for an additional 5 years (until 2012). Based on the results of the supplemental 5-year groundwater monitoring program concluding in 2012 and discussions with the NYSDEC, NYSEG agreed to continue sampling groundwater from MW98-7D and conducting the soil cover inspections on an annual basis for an unspecified duration.

## 2021 Groundwater Sampling Event

Arcadis sampled groundwater from monitoring well MW98-7D and conducted site wide synoptic water-level gauging on July 1, 2021. The location of site monitoring wells and other pertinent site features can be found on Figure 1. Consistent with the previous sampling events, the sampling from MW98-7D was conducted using low-flow purging techniques. The low-flow method consists of slowly purging water from the well at a rate of approximately 100 to 200 milliliters per minute (mL/min) until readings of the following field parameters stabilize: pH, dissolved oxygen, oxidation-reduction potential (ORP), turbidity and conductivity. The table below presents the values for these field parameters at the time of sampling:

Well ID	pH (S.U.)	Temperature (°C)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)
MW98-7D	6.94	13.30	0.366	0.01	-97	4.9

**Notes:**

S.U. = Standard Units.  
 °C = degrees Celsius.  
 mS/cm = milliSiemens per centimeter.  
 mg/L = milligrams per liter.  
 mV = milliVolts.  
 NTU = Nephelometric Turbidity Units.

No problems arose during the groundwater sampling event. The groundwater sampling log and sampling chain-of-custody are provided in Attachment 1. The collected sample was analyzed for BTEX and PAHs by Eurofins TestAmerica of Amherst, New York in accordance with NYSDEC Analytical Services Protocol (ASP). The laboratory provided Category B deliverables and the data package was validated by Arcadis. The data validation concluded that the laboratory results are useable for their intended purpose. A copy of the Data Usability Summary Report (DUSR) can be provided upon request.

Historical analytical results for MW98-7D are summarized in Table 1 in comparison to NYSDEC Class GA Standards and Guidance Values. Consistent with previous sampling events, groundwater sampled from MW98-7D exceeded the NYSDEC Class GA Standards for all of the BTEX compounds. Also consistent with previous events, several PAHs continue to be detected in the sample collected from well MW98-7D. While trace amounts of individual PAHs continue to be detected, only acenaphthene and naphthalene were detected at concentrations above the NYSDEC Class GA Guidance Value for these compounds. The levels for both BTEX and PAHs were within the range of concentrations detected during the previous sampling rounds. As shown on the time-series graph provided in Attachment 2, there is no discernable trend in dissolved-phase BTEX concentrations at MW98-7D since sampling began in 2004; however, there does appear to be an overall slight downward trend in the concentration of dissolved phase BTEX and PAHs.

## 2021 Reconnaissance of Soil Cover Area

On July 1, 2021, Arcadis also performed the annual reconnaissance of the soil cover portion of the site, as required by the site’s ROD. Findings of the reconnaissance were generally consistent with those found during previous years. Please refer to the photographic log in Attachment 3 for pictures of relevant features of the soil cover. As reported since the 2014 inspection report, the above-ground pool (Photo #1) installed behind the 139 Babbott Avenue property and the vegetable gardens (Photo #2) behind 145 Babbott Avenue are all still present on-site. The vegetable garden behind 139 Babbott Avenue observed since 2018 is also still present east of monitoring well CW91-6 (Photo #3). No additional disturbances were observed during the 2021 inspection and the soil cover appeared in good condition (Photos #4, 5 & 6).

## Summary

The 2021 PAH analytical results for the groundwater sample collected from MW98-7D are slightly higher than the 2020 results but are within the range of concentrations historically detected at this well. Only acenaphthene and naphthalene were found to exceed Class GA Guidance Values for these compounds. BTEX concentrations also increased slightly in 2021 compared to analytical results from 2020, but remained within the range of historical BTEX concentrations observed in groundwater from this well. Consistent with previous years, BTEX

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concentrations exceeded Class GA Standards for each respective compound. There is a slightly downward overall trend for BTEX and PAHs when reviewing historical data. Analytical data from the 2022 sampling events will be evaluated to determine if the concentration trend remains downward.

Aside from the disturbances caused by the installation of the above-ground pool and vegetable gardens in 2014, the soil cover appeared to be in good condition with no obvious damage.

The next groundwater sampling and soil cover inspection event is scheduled for the summer of 2022. If you have any questions, please feel free to contact John Ruspantini of NYSEG at 585.484.6787 or me at 315.671.9379.

Sincerely,  
Arcadis of New York, Inc.



David A. Cornell  
Senior Geologist

Email: David.Cornell@arcadis.com  
Direct Line: 315.671.9379  
Mobile: 315.439.6222

CC. John J. Ruspantini, CHMM, NYSEG  
Keith A. White, C.P.G., Arcadis

Enclosures:

- Table 1 Summary of Groundwater Sampling Results in Comparison to NYSDEC Class GA Standards and Guidance Values
- Figure 1 Site Map
- Attachment 1 Field Notes
- Attachment 2 MW98-7D Time-Series Graph
- Attachment 3 Soil Cover Inspection Photograph Log

# Table

**Table 1**  
**Summary of Groundwater Sampling Results in Comparison to NYSDEC Class GA Standards and Guidance Values**



**2021 Groundwater Sampling and Soil Cover Inspection Report**  
**Waterville Former MGP Site**  
**Waterville, New York**

Location ID: Date Collected:	NYSDEC TOGS 1.1.1 Water Standards and Guidance Values	Units	MW98-7D 05/10/05	MW98-7D 11/10/05	MW98-7D 05/10/06	MW98-7D 11/07/06	MW98-7D 05/01/08	MW98-7D 05/28/09	MW98-7D 06/03/11	MW98-7D 06/14/12
<b>Detected Volatile Organics</b>										
Benzene	1	ug/L	160 [150]	90	140 [140]	110 [94]	140 D [120 D]	110 D08 [120 D08]	57 [170]	90 J
Ethylbenzene	5	ug/L	110 [110]	84	97 [93]	85 [66 J]	86 [81]	90 M7 [91]	36 [150]	97 J
m&p-Xylene	--	ug/L	NA	NA	NA	NA	38 [36]	39 [40]	20 [62]	39
o-Xylene	--	ug/L	NA	NA	NA	NA	52 [50]	52 M7 [53]	26 [77]	54 J
Toluene	5	ug/L	26 [28]	20 J	27 [26]	18 [16 J]	26 [24]	22 [23]	9.0 [34]	18
Xylenes (total)	5	ug/L	110 [110]	81	95 [91]	90 [64 J]	NA	92 M7 [93]	46 [140]	93 J
Total BTEX	--	ug/L	406 [398]	275 J	359 [350]	303 [240 J]	342 [311]	314 [327]	148 [494]	298 J
<b>Detected Semivolatile Organics</b>										
2-Methylnaphthalene	--	ug/L	110 [120]	140 [140]	130 [52]	100 J [82 J]	110 [97]	110 M7 [140 D08]	NA	NA
Acenaphthene	20	ug/L	110 [110]	140 [140]	96 J [92]	140 [110]	120 [120]	120 D08 [140 D08]	130 [160]	86 J
Acenaphthylene	--	ug/L	23 J [22 J]	24 J [23 J]	19 J [14 J]	19 J [15 J]	22 [22]	19 [25]	21 J [24 J]	12 J
Anthracene	50	ug/L	7.0 J [7.2 J]	11 J [11 J]	44 J [5.2 J]	8.7 J [7.6 J]	8.0 [9.0]	7.8 [9.6]	8.5 J [9.6 J]	6.3 J
Dibenzofuran	--	ug/L	NA	NA	NA	NA	2.0 J [2.0 J]	2.3 [2.9]	NA	NA
Fluoranthene	50	ug/L	2.6 J [2.3 J]	100 U [100 U]	100 U [21 U]	3.5 J [3.0 J]	3.0 J [3.0 J]	2.6 [3.2]	48 U [48 U]	49 U
Fluorene	50	ug/L	13 J [13 J]	100 U [17 J]	57 J [28]	14 J [12 J]	16 [15]	19 [24]	20 J [22 J]	15 J
Naphthalene	10	ug/L	970 [1,000]	1,200 [1,100]	910 [360]	1,300 [930]	1,100 D [980 D]	850 D08 [1,100 D08]	780 [1,000]	600
Phenanthrene	50	ug/L	44 J [42 J]	54 J [51 J]	75 J [39]	51 J [44 J]	46 [45]	44 [56]	59 [69]	37 J
Pyrene	50	ug/L	2.9 J [3.4 J]	100 U [100 U]	100 U [21 U]	4.1 J [3.1 J]	4.0 J [4.0 J]	3.0 [3.7]	3.3 J [3.7 J]	49 U
Total PAHs	--	ug/L	1,280 J [1,320 J]	1,570 J [1,480 J]	1,330 J [590 J]	1,640 J [1,210 J]	1,430 J [1,300 J]	1,180 [1,500]	1,020 J [1,290 J]	756 J
<b>Detected Inorganics</b>										
Iron	300	ug/L	859	1,200	1,180	1,130	NA	NA	NA	NA
Manganese	300	ug/L	1,130	1,390	1,380	1,220	NA	NA	NA	NA
Nitrate	--	ug/L	100 U	100 U	110	100 U	NA	NA	NA	NA
Sulfate	250,000	ug/L	5,000 U	5,000 U	5,000 U	5,000 U	NA	NA	NA	NA
Total Organic Carbon	--	ug/L	1,700	1,800	2,100	1,700	NA	NA	NA	NA

See Notes on Page 2.

**Table 1**  
**Summary of Groundwater Sampling Results in Comparison to NYSDEC Class GA Standards and Guidance Values**



**2021 Groundwater Sampling and Soil Cover Inspection Report**  
**Waterville Former MGP Site**  
**Waterville, New York**

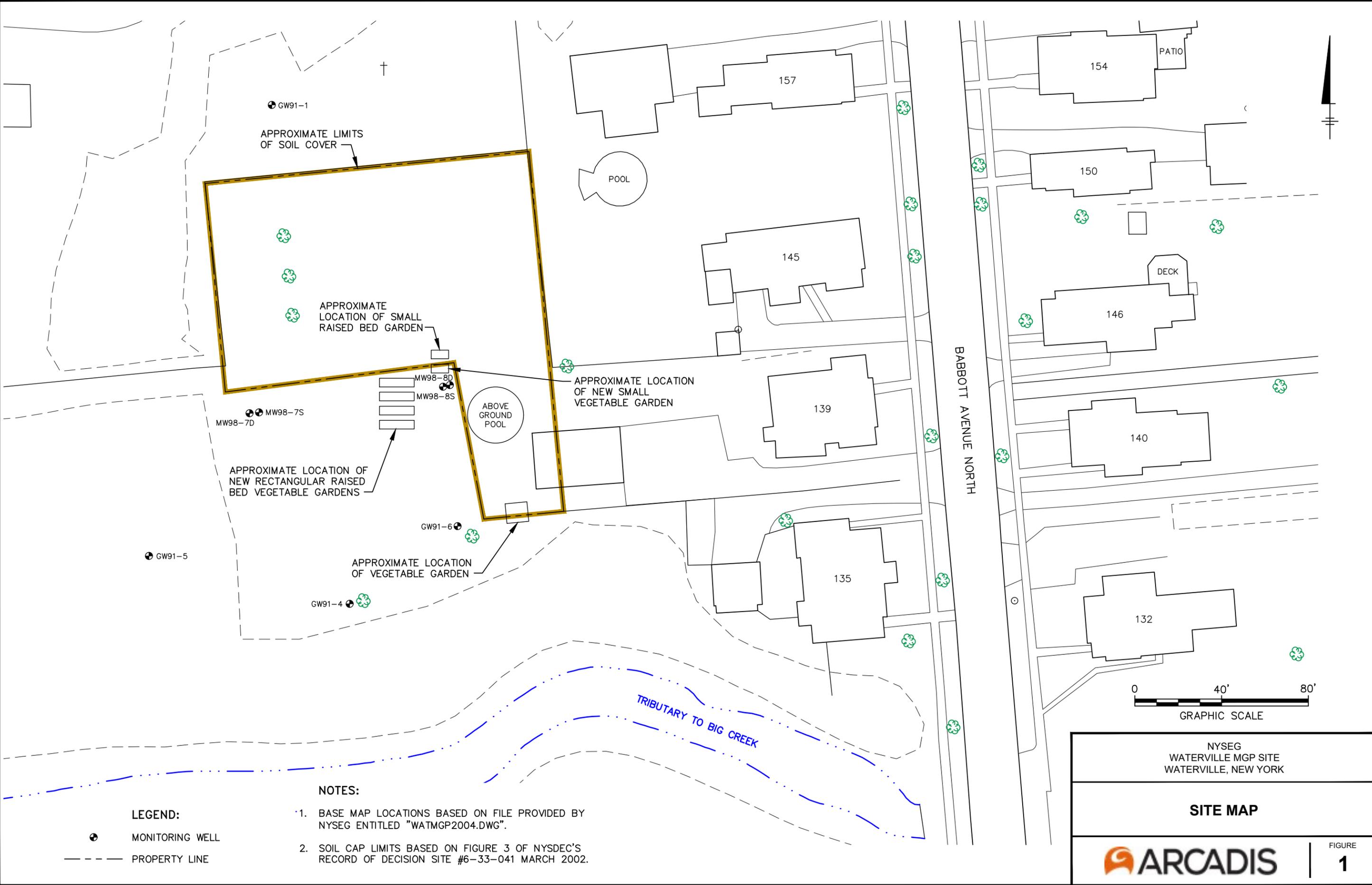
Location ID: Date Collected:	NYSDEC TOGS 1.1.1 Water Standards and Guidance Values	Units	MW98-7D 06/28/13	MW98-7D 06/20/14	MW98-7D 07/09/15	MW98-7D 07/20/16	MW98-7D 06/15/17	MW98-7D 06/26/18	MW98-7D 06/13/19	MW98-7D 07/15/20	MW98-7D 07/01/21
<b>Detected Volatile Organics</b>											
Benzene	1	ug/L	8.9	17	68	39 J	130 DJ	48 [49]	93 [88]	45 [44]	49 [48]
Ethylbenzene	5	ug/L	6.3	11	66	48 J	110 DJ	47 [47]	97 J [92]	68 [66]	79 [75]
m&p-Xylene	--	ug/L	3.3	6.9	31	22	48 J	21 [21]	38 [35]	27 [26]	29 [29]
o-Xylene	--	ug/L	4.2	10	43	30 J	62 J	29 [28]	52 [51]	41 [39]	41 [40]
Toluene	5	ug/L	2.2	3.3	15	9.7	37 J	11 [11]	22 [22]	14 [14]	16 [15]
Xylenes (total)	5	ug/L	7.5	17	74	52 J	110 J	50 [49]	90 [86]	68 [65]	70 [69]
Total BTEX	--	ug/L	24.9	48.3	223	149 J	387 J	156 [156]	302 J [288]	195 [189]	214 [207]
<b>Detected Semivolatile Organics</b>											
2-Methylnaphthalene	--	ug/L	NA								
Acenaphthene	20	ug/L	120 D	61	35 J	100 EJ	150 EJ	88 DJ [62]	86 J [75 J]	80 J [72 J]	170 J [180 J]
Acenaphthylene	--	ug/L	20	5.6	0.66 J	18	27	18 [13]	9.6 J [8.5 J]	15 J [15 J]	25 [25 ]
Anthracene	50	ug/L	7.7	4.2	4.9 J	7.8	9.1	6.9 [4.9 J]	6.3 J [6.0 J]	7.9 J [5.8 J]	8.8 [9]
Dibenzofuran	--	ug/L	NA								
Fluoranthene	50	ug/L	2.7 J	1.7 J	1.7 J	2.6 J	3.1 J	2.4 J [1.7 J]	100 UJ [100 U]	100 U [100 U]	3.3 J [3.6 J]
Fluorene	50	ug/L	18	8.5	9.7	14	15	9.4 [7.2]	100 UB [100 UB]	8.6 J [8.4 J]	15 [15]
Naphthalene	10	ug/L	990 D	1.9 U	0.86 J	640 D	910 D	440 D [370 D]	100 U [100 U]	590 [540]	630 D [800 D]
Phenanthrene	50	ug/L	49	23	24	45	58 J	39 J [29]	100 UBJ [100 UB]	27 J [25 J]	55 J [59 J]
Pyrene	50	ug/L	3.4 J	2.2	2.0 J	2.8 J	4.0 J	2.7 J [2.0 J]	100 UJ [100 U]	100 U [100 U]	3.9 J [4 J]
Total PAHs	--	ug/L	1,210 J	106 J	78.8 J	830 J	1,180 J	606 J [490 J]	102 J [89.5 J]	729 J [666 J]	911 J [1096 J]
<b>Detected Inorganics</b>											
Iron	300	ug/L	NA								
Manganese	300	ug/L	NA								
Nitrate	--	ug/L	NA								
Sulfate	250,000	ug/L	NA								
Total Organic Carbon	--	ug/L	NA								

**Notes:**

- D = Compound quantitated using a secondary dilution.
- D08 = Compound quantitated using a secondary dilution.
- E = Analyte exceeded calibration range.
- J = Indicates an estimated value.
- U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- [ ] = duplicate sample
- NA = Not Analyzed
- ug/L = micrograms per liter

# Figure

C:\Users\poseanu\BIM\360\Arcadis\ANA - IBERDROLA USA\Project Files\2018 Waterville GW Monitoring\2018\B001\3653.000601-DWG\WATERVILLE-GWM\_FIG\_1\_SITE\_PLANDWG\_LAYOUT:1\_SAVED:10/14/2020 4:48 PM ACADVER:23.1S (LMS TECH) PAGESETUP:C-LB-PDF PLOTSTYLETABLE:PLT\FULLCTB PLOTTED:10/14/2020 4:50 PM BY:POSENAUER,LSA



- NOTES:**
1. BASE MAP LOCATIONS BASED ON FILE PROVIDED BY NYSEG ENTITLED "WATMGP2004.DWG".
  2. SOIL CAP LIMITS BASED ON FIGURE 3 OF NYSDEC'S RECORD OF DECISION SITE #6-33-041 MARCH 2002.

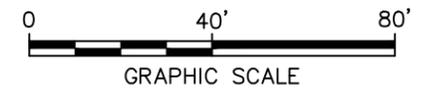
- LEGEND:**
- MONITORING WELL
  - - - PROPERTY LINE

NYSEG  
WATERVILLE MGP SITE  
WATERVILLE, NEW YORK

**SITE MAP**

**ARCADIS**

FIGURE  
**1**



# Attachment 1

**Field Notes**

Site

### GROUNDWATER SAMPLING LOG

Sampling Personnel: Josh Singh Well ID: MW-98-70  
 Client / Job Number: NYSEG - Waterville Date: 7/1/21  
 Weather: 73°F overcast Time In: 1400 Time Out: 1540

**Well Information**

Depth to Water: 13.61 (from MP)  
 Total Depth: 18.44 (from MP)  
 Length of Water Column: 4.83 feet  
 Volume of Water in Well: 0.79 gallons  
 Three Well Volumes: 2.36 gallons

Well Type: Flushmount Stick-Up  
 Well Material: Stainless Steel PVC  
 Well Locked: Yes No  
 Measuring Point Marked: Yes No  
 Well Diameter: 1" 2" Other:

**Purging Information**

Purging Method: Bailer Peristaltic Grundfos Other:  
 Tubing/Bailer Material: St. Steel Polyethylene Teflon Other: LOPE  
 Sampling Method: Bailer (VOCS) Peristaltic Grundfos Other:  
 Duration of Pumping: 55 (min)  
 Average Pumping Rate: 190 (ml/min) Water-Quality Meter Type: Horiba 052  
 Total Volume Removed: ~ 2.5 (gal) Did well go dry: Yes No

Conversion Factors				
gal / ft of water	1" ID	2" ID	4" ID	6" ID
	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3875 ml = 0.1337 cubic feet

Unit Stability			
pH	DO	Cond.	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

Time:	1	2	3	4	5	6	7	8	9	10
Parameter:	1410	1415	1420	1425	1430	1435	1440	1445	1450	1455
Volume Purged (ml)	-	0.25	0.50	0.75	1.0	1.25	1.50	1.75	2.00	2.25
Rate (ml/min)	190	190	190	190	190	190	190	190	190	190
Depth to Water (ft.)	13.63	13.62	13.62	13.61	13.61	13.61	13.61	13.61	13.61	13.61
pH	8.80	8.10	7.52	7.38	7.20	7.11	7.02	6.96	6.95	6.94
Temp. (C)	27.75	18.03	14.37	14.19	13.77	13.51	13.36	13.24	13.28	13.30
Conductivity (mS/cm)	<u>MS</u>	0.117	0.132	0.151	0.214	0.286	0.336	0.361	0.364	0.366
Dissolved Oxygen	2.35	4.75	0.75	0.53	0.22	0.03	0.01	0.01	0.01	0.01
ORP (mV)	019	21	-62	-76	-95	-103	-104	-100	-98	-97
Turbidity (NTU)	12.4	4.9	6.1	5.4	4.8	5.1	4.9	4.7	4.6	4.9
Notes:	0.111 mS/cm									

**Sampling Information**

Analyses	#	Laboratory
BTEX		
PAHs		
Sample ID: <u>MW-98-70</u>	Sample Time: <u>1500</u>	
MS/MSD: <u>Yes</u>	No	
Duplicate: <u>Yes</u>	No	
Duplicate ID	Dup. Time: <u>1500</u>	
<u>DUP-070121</u>		

Sample @ 1500

**Problems / Observations**

PID = 0.0  
 MS/MSD collected: MW-98-70-MS  
MW-98-70-MSD  
 DUP collected: DUP-070121

**Chain of Custody Record**

<b>Client Information</b>		Sampler: <u>Josh Sinay</u>		Lab PM: <u>Schove, John R</u>		Carrier: <u>Syracuse</u>		OC No: <u>480-162672-35720.1</u>																			
Client Contact: <u>Mr. Joshua Sinay</u>		Phone: <u>315-877-6700</u>		E-Mail: <u>John.Schove@Eurofinset.com</u>		State of Origin: <u>#225</u>		Page: <u>Page 1 of 1</u>																			
Company: <u>ARCADIS U.S. Inc</u>		PWSID:		<b>Analysis Requested</b>						Job #:																	
Address: <u>One Lincoln Center 110 West Fayette St, Suite 300</u>		Due Date Requested:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Field Filtered Sample (Yes or No)</td> <td style="width:5%;">Perform MS/MSD (Yes or No)</td> <td style="width:5%;">8270D - PAH Semivolatiles</td> <td style="width:5%;">8260C - BTEX</td> <td colspan="4"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX													Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX																								
City: <u>Syracuse</u>		TAT Requested (days): <u>Standard</u>								A - HCL		M - Hexane		B - NaOH		N - None											
State, Zip: <u>NY, 13202</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								C - Zn Acetate		O - AsNaO2		D - Nitric Acid		P - Na2O4S											
Phone: <u>315-877-6720</u>		PO #: <u>Purchase Order not required</u>		E - NaHSO4		Q - Na2SO3		F - MeOH		R - Na2S2O3																	
Email: <u>josh.sinay@arcadis.com</u>		WO #:		G - Amchlor		S - H2SO4		H - Ascorbic Acid		T - TSP Dodecahydrate																	
Project Name: <u>NYSEG Waterville - GW Sampling</u>		Project #: <u>48024006</u>		I - Ice		U - Acetone		J - DI Water		V - MCAA																	
Site:		SSOW#:		K - EDTA		W - pH 4-5		L - EDA		Z - other (specify)																	
				Other:																							

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX	Instructions/Note:		
MW-98-70						7/1/21	1500	C	Water	X	X	 480-186768 Chain of Custody
MW-98-70-MS						7/1/21	1500	C	Water	X	X	
MW-98-70-MSD						7/1/21	1500	C	Water	X	X	
DUP-070121						7/1/21	1500	C	Water	X	X	
TRIP BLANK						LAB PROVIDED			Water		X	
									Water			

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Josh Sinay</u>		Date/Time: <u>7/1/21 1702</u>		Company:		Received by: <u>[Signature]</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7-1-21, 1900</u>		Company: <u>fye</u>		Date/Time: <u>7/1/21 1702</u>	
Relinquished by:		Date/Time:		Company:		Received by: <u>[Signature]</u>	
Date/Time:		Company:		Date/Time: <u>7/1/21 0800</u>		Company: <u>[Signature]</u>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>3.1 #1</u>			

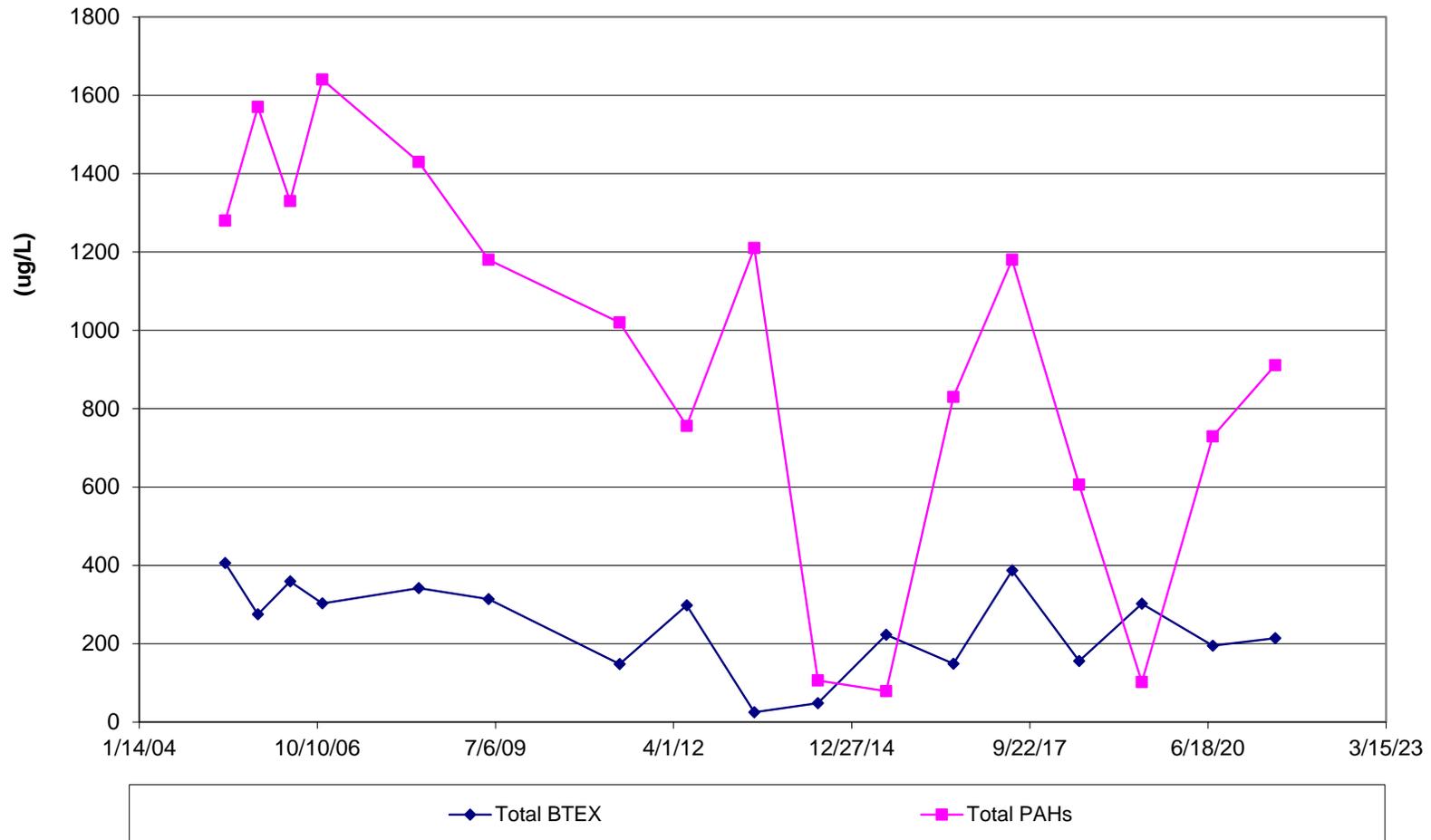


# Attachment 2

**MW98-7D Time-Series Graph**

**TOTAL BTEX & PAH CONCENTRATION OVER TIME  
MONITORING WELL - MW98-7D**

**2021 GROUNDWATER SAMPLING & SOIL COVER INSPECTION REPORT  
NYSEG  
WATERVILLE FORMER MGP SITE  
WATERVILLE, NEW YORK**



# Attachment 3

## Soil Cover Inspection Photograph Log

**SOIL COVER INSPECTION PHOTOGRAPH LOG**

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 1	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> South	
<b>COMMENT:</b> View of above-ground swimming pool behind 139 Babbott Avenue property.	

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 2	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> Southwest	
<b>COMMENT:</b> View of raised-bed vegetable gardens behind 145 Babbott Avenue property.	

**SOIL COVER INSPECTION PHOTOGRAPH LOG**

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 3	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> View of vegetable garden behind 139 Babbott Avenue property.	

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 4	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> North	
<b>COMMENT:</b> View of soil cover looking north.	

**SOIL COVER INSPECTION PHOTOGRAPH LOG**

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 5	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> East	
<b>COMMENT:</b> View of soil cover looking east.	

<b>CLIENT:</b> NYSEG	<b>SITE NAME:</b> Waterville Former MGP Site
<b>PROJECT#:</b> 30076500	<b>SITE LOCATION:</b> Waterville, New York
<b>PHOTOGRAPH #:</b> 6	
<b>PHOTOGRAPHER:</b> JES	
<b>DATE:</b> 07/1/2021	
<b>DIRECTION:</b> Southeast	
<b>COMMENT:</b> View of soil cover looking southeast.	