

March 13, 2024

Mr. Brad Demo New York State Department of Environmental Conservation Division of Environmental Remediation, BURC 625 Broadway Albany, New York 12233-7014

Re: National Grid Ogdensburg Former MGP Site

NYSDEC Site No. 645053

10 King Street

Ogdensburg, New York

2023 Periodic Review Report

Dear Mr. Demo:

Enclosed for your review is the 2023 Periodic Review Report (PRR) for the National Grid Ogdensburg Former MGP Site. The PRR pertains to the period from February 17, 2023 through February 17, 2024 and includes a brief report and Institutional Controls/Engineering Controls (IC/EC) Certification Form.

Please feel free to contact me at 315.428.5652 if you have any questions.

Sincerely,

for SPS

Steven P. Stucker, C.P.G. Lead Environmental Engineer

Reporting Period – February 17, 2023 through February 17, 2024

I. Introduction

A. Brief Site Summary –

The Former Ogdensburg Manufactured Gas Plant (MGP) Site (the Site) is located on an approximate 0.958 acre lot, with the address of 10 King Street in Ogdensburg, New York (refer to Figure 1 Site Location Map). The Site is owned by the St. Lawrence Gas Company. Manufactured gas was produced at the Site by a predecessor company to Niagara Mohawk Power Corporation from approximately 1854 until at least 1930 using the coal carbonization process. The majority of the buildings and above-grade structures were removed by 1949; however, several subsurface foundations and piping were left in place. In addition to the former MGP, the Site was the location of a quarry from approximately 1850 to after 1865, and was used for the storage of propane gas tanks from before 1945 until sometime before 1997.

An investigation of the Site began in 2003 with the site characterization (SC), the remedial investigation (RI), which was conducted between 2003 and 2009, and culminating in 2010 with the pre-design investigation (PDI). During these investigations, 76 soil borings were drilled, 22 monitoring wells were installed, 10 test pits were excavated, three soil vapor investigations were conducted, and more than 230 samples of environmental media were collected and analyzed. The results of the SC and RI were presented in the Remedial Investigation Report (RI Report; Arcadis 2009), and the results of the PDI were presented in the Pre-Design Investigation Summary Report (PDI Report; National Grid 2011). In March 2009, National Grid also conducted an investigation of the City of Ogdensburg's combined sewer system located downstream from the Site. The investigation was prompted by the findings of the utility evaluation conducted in October 2008 during the Phase III RI, which identified non-aqueous phase liquid (NAPL) in a sewer lateral that extended from the western portion of the Site, along the fence line, to one of the manholes in King Street. The results of the sewer investigation were presented in an April 10, 2009 memorandum to the NYSDEC (Arcadis 2009) and were summarized in the RI Report.

The site investigations identified impacted soils from MGP related activities, specifically coal tar and purifier waste. The constituents of concern (COCs) are primarily the volatile organic compounds (VOCs) benzene, toluene, ethylbenzene, and xylenes (collectively, BTEX), the general class of semi-volatile organic compounds (SVOCs) known as polycyclic aromatic hydrocarbons (PAHs), and cyanide, all of which were found at the Site and the off-Site area.

Reporting Period – February 17, 2023 through February 17, 2024

- B. **Remedial Program Effectiveness** During the reporting period (February 17, 2023 to February 17, 2024) the long-term remedial objectives were met for the site.
- C. **Remedial Program Compliance** The major elements within the Institutional Control/Engineering Control(s) (IC/EC) Plan are in compliance.
- D. **Remedial Program Recommendations** It is recommended that no changes be made to the IC/EC Plan. It is recommended that an annual Periodic Review Report (PRR) be submitted. The next PRR submittal will cover the period February 17, 2024 to February 17, 2025.

II. Site Overview

A. Site Location and Boundaries -

The Site is located at 10 King Street in the City of Ogdensburg, County of St. Lawrence, New York (Figure 1 presents the site location map). The Site is an approximate 0.958-acre area bounded by King Street to the north, privately-owned properties to the south and west, a privately-owned property and a vacant National Grid-owned property to the east. Currently, the property is grass-covered, vacant and surrounded by a 6-foot chain link fence with barbed wire.

B. Regulatory History and Remedy Features -

The Site was remediated between May and October 2013 in accordance with the *Voluntary Cleanup Program Decision Document* (NYSDEC 2010b) and *Final* (100%) Remedial Design (Arcadis 2012). This PRR is being completed in compliance with Section 6.3 of the NYSDEC – approved Site Management Plan (SMP) for the project. A Deed of Restrictions and Covenants (DCR) was placed on the property in February 2018 by the Owner, and is included in Appendix A of the SMP.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

A. **Evaluation of Remedy Performance** – Annual visual inspections of the cover system are conducted on the Site. The remedy performance has been effective in protecting the public.

Reporting Period – February 17, 2023 through February 17, 2024

IV. IC/EC Plan Compliance Report

A. IC/EC Requirements and Compliance

1. IC/EC Controls

The ICs/ECs:

- Soil Cover System and Fencing: Annual site inspection of the cover system includes identification of any damage to the cover. The fence is also inspected for any damage. National Grid conducts quarterly inspections for internal security purposes. See Attachment 1 for the Site Inspection Forms.
- Monitoring Wells Associated with Monitored Natural Attenuation (MNA): Semi-annual groundwater sampling of the monitoring well system will be conducted, until either water quality is consistently below NYSDEC standards, or has become asymptotic at an acceptable level over an extended period.
- 2. IC/EC Goals Each goal is being met and/or working effectively.
- 3. **IC/EC Corrective Measures** No deficiencies were noted during the site inspections.
- 4. **IC/EC Conclusions/Recommendations** The EC program is in compliance and there are no recommendations for the program at this time.
- 5. **IC/EC Certification** Refer to PRR Form Attachment 2 for the certification.
- V. Monitoring Plan Compliance Report The Annual Monitoring Report was submitted to the NYSDEC on January 30, 2024. See Attachment 3 for a copy of the Annual Monitoring Report.
- VI. Operation & Maintenance (O&M) Plan Compliance Report Not Applicable

Reporting Period – February 17, 2023 through February 17, 2024

VII. Overall PRR Conclusions and Recommendations

- A. Compliance with Site Management Plan (SMP)
 - 1. **Requirements** All IC/EC Plan requirements were met during this reporting period.
 - 2. **Exposure Pathways** There are no new completed exposure pathways resulting in unacceptable risk.
 - 3. Proposed Plans and Schedule to Meet Compliance No plan proposed.
- B. **Performance and Effectiveness of the Remedy** The remedy as described in the Site Management Plan and executed by National Grid has been effective in meeting the program goals.
- C. **Future PRR Submittals** The frequency of PRR Submittals should remain annual. Therefore, the next PRR reporting period will cover February 17, 2024 through February 17, 2025.

VIII. Additional Guidance – Not needed.

Reporting Period – February 17, 2023 through February 17, 2024

REFERENCES

Arcadis, 2018. "Site Management Plan, Ogdensburg (King Street) Non-Owned Former MGP Site", September 2018.

Reporting Period – February 17, 2023 through February 17, 2024

Attachment 1: Site Inspection Forms

Date:	1/25/2024	Ogdensburg, New York	Time:	09:30
Technician:	Kevin Leo	NYSDEC Site No. V00479	Weather:	Cloudy 30

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:		
Are the requirements of the Site Management Plan being met?	Yes	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	No	COMMENTS:		

Site Wide - SLG Responsible to Maintain				
Perimeter Fence and Gates intact?	Yes	COMMENTS:		
Have the lawns been mowed?	No	COMMENTS:		

Soil Cover System				
Any signs of ground-intrusive activities?	No	COMMENTS:		
Any soil disturbance regardless of quantity/extent?	No	COMMENTS:		
Any surface erosion?	No	COMMENTS:		
Any settlement?	No	COMMENTS:		
Bare or sparsely-vegetated areas?	No	COMMENTS:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	No	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP					
Any repairs, maintenace or corrective actions since the last inspection?	No	COMMENTS:			
Have the lawns been mowed?	No	COMMENTS:			
Conditon of the sidewalks?	Good	COMMENTS:			
Condition of the site trees?	Good	COMMENTS:			
Are the boulders in place?	Yes	COMMENTS:			

Miscellaneous				
Evidence of Trespassing	No	COMMENTS:		
Litter	None	COMMENTS:		

Site Monito	Site Monitoring Wells				
Well ID.	Location Secure				
MW-2(R)	Yes				
MW-5R(R)	Yes				
MW-8R	Yes				
MW-9	Yes				
MW-10R	Yes				
MW-11	Yes				
MW-12R	Yes				
MW-14R	Yes				
MW-15	Yes				
MW-15RS	Yes				
MW-17R	Yes				
MW-19R	Yes				
MW-20R	Yes				

General Comments:

Excavation and upgrades being done to sewer plant north end of site

Date:	10/18/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Cloudy 50

Site Wide				
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:	
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:	

Site Wide - SLG Responsible to Maintain				
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:	
Have the lawns been mowed?	YES	NO	COMMENTS:	

Soil Cover System					
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:		
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:		
Any surface erosion?	YES	NO	COMMENTS:		
Any settlement?	YES	NO	COMMENTS:		
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP						
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO		COMMENTS:	
Have the lawns been mowed?	YES		NO		COMMENTS:	
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:	
Condition of the site trees?	n of the site trees?		AIR	POOR	COMMENTS:	
Are the boulders in place?	YES			NO	COMMENTS:	

Miscellaneous						
Evidence of Trespassing	YES			NO	COMMENTS:	
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:	

Site Monitoring Wells					
Well ID.	Location	Secure			
MW-2(R)	YES	NO			
MW-5R(R)	YES	NO			
MW-8R	YES	NO			
MW-9	YES	NO			
MW-10R	YES	NO			
MW-11	YES	NO			
MW-12R	YES	NO			
MW-14R	YES	NO			
MW-15	YES	NO			
MW-15RS	YES	NO			
MW-17R	YES	NO			
MW-19R	YES	NO			
MW-20R	YES	NO			

General Comments:

NYSDEC Brad Demo on site

Date:	7/13/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 76

	Site Wi	de	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

Soil Cover System					
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:		
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:		
Any surface erosion?	YES	NO	COMMENTS:		
Any settlement?	YES	NO	COMMENTS:		
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP							
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:		
Have the lawns been mowed?	YES		NO		COMMENTS:		
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:		
Condition of the site trees?	GOOD	F/	AIR	POOR	COMMENTS:		
Are the boulders in place?	YES			NO	COMMENTS:		

Miscellaneous						
Evidence of Trespassing	YES		NO C		COMMENTS:	
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:	

Site Monitoring Wells				
Well ID.	Location	Secure		
MW-2(R)	YES	NO		
MW-5R(R)	YES	NO		
MW-8R	YES	NO		
MW-9	YES	NO		
MW-10R	YES	NO		
MW-11	YES	NO		
MW-12R	YES	NO		
MW-14R	YES	NO		
MW-15	YES	NO		
MW-15RS	YES	NO		
MW-17R	YES	NO		
MW-19R	YES	NO		
MW-20R	YES	NO		

General Comments:

City is onsite removing trees and debris around the old cheese factory. Walked the site with the crew to identify and markout the monitoring wells.

Date:	4/27/2023	Ogdensburg, New York	Time:	8:30
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 46

Site Wide					
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:		
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:		

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

Soil Cover System									
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:						
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:						
Any surface erosion?	YES	NO	COMMENTS:						
Any settlement?	YES	NO	COMMENTS:						
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:						
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:						

NG Owned Property on Lake Street - Not part of the SMP									
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO		COMMENTS:				
Have the lawns been mowed?	YES		NO		COMMENTS:				
Conditon of the sidewalks?	GOOD	FAIR		POOR	COMMENTS:				
Condition of the site trees?	GOOD	FAIR		POOR	COMMENTS:				
Are the boulders in place?	YES		NO		COMMENTS:				

Miscellaneous							
Evidence of Trespassing	YES		NO		COMMENTS:		
Litter	NONE MIN		OR SIGNIFICANT		COMMENTS:		

Site Monitoring Wells							
Well ID.	Location Secure						
MW-2(R)	YES NO						
MW-5R(R)	YES	NO					
MW-8R	YES	NO					
MW-9	YES	NO					
MW-10R	YES	NO					
MW-11	YES	NO					
MW-12R	YES	NO					
MW-14R	YES	NO					
MW-15	YES	NO					
MW-15RS	YES	NO					
MW-17R	YES	NO					
MW-19R	YES	NO					
MW-20R	YES	NO					

General Comments:







April 27, 2023 - Site Conditions







July 13, 2023 - Site Conditions







October 19, 2023 – Site Conditions

Reporting Period – February 17, 2023 through February 17, 2024

Attachment 2: PRR Certification Form



Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Sit	e No.	645053	;	Site Details			Box 1	
Sit	e Name NM	- Ogdensburg	g MGP					
City Co	e Address: 10 y/Town: Ogd unty: St Lawre e Acreage: 0.	ensburg ence	Zip Code:	13669				
Re	porting Period	l: February 17	7, 2023 to Fel	bruary 17, 2024				
							YES	NO
1.	Is the inform	ation above co	orrect?				X	
	If NO, includ	e handwritten	above or on	a separate shee	t.			
2.		r all of the site endment during		n sold, subdivide ing Period?	ed, merged, or u	ndergone a		\mathbf{X}
3.		een any chang R 375-1.11(d)		e site during this	Reporting Perio	od		X
4.	•	deral, state, ar property durinç	•	rmits (e.g., building Period?	ing, discharge) t	peen issued		X
				thru 4, include ously submitted				
5.	Is the site cu	rrently underg	joing develop	ment?				X
							Box 2	
							YES	NO
6.		t site use cons and Industrial		e use(s) listed b	elow?		X	
7.	Are all ICs in	place and fur	nctioning as o	lesigned?		$\bar{\mathbf{X}}$		
				ESTION 6 OR 7 REST OF THIS FO			and	
AC	Corrective Me	asures Work F	Plan must be	submitted along	g with this form	to address t	hese iss	ues.
Sig	nature of Own	er, Remedial P	arty or Design	nated Representa	itive	Date		

SITE NO. 645053 Box 3

Description of Institutional Controls

Parcel Owner Institutional Control

48.078-5-19 St. Lawrence Gas Company

Ground Water Use Restriction

Landuse Restriction Site Management Plan

Deed Restriction was filed on October 10, 2006. A Site Management Plan was approved on September 26, 2018 (see Site # 645053).

48.078-5-25.1 NMPC. d/b/a National Grid

Ground Water Use Restriction

Landuse Restriction Site Management Plan

The Easement was recorded on March 22, 2018. The Site Management Plan was approved on September 26, 2018.

Box 4

Description of Engineering Controls

<u>Parcel</u> <u>Engineering Control</u>

48.078-5-19

Cover System

Fencing/Access Control

The Engineering controls for the site include a site cover system and fencing to control access. The property is restricted to commercial use and groundwater use is also prohibited.

48.078-5-25.1

Cover System

Fencing/Access Control

The Engineering controls in place include a cover system, restriction of land use to commercial, groundwater use prohibited, and site fencing to control access.

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		Box 5
	Periodic Review Report (PRR) Certification Statements	
1.	I certify by checking "YES" below that:	
	a) the Periodic Review report and all attachments were prepared under the direction of, a reviewed by, the party making the Engineering Control certification;	ınd
	 b) to the best of my knowledge and belief, the work and conclusions described in this certain accordance with the requirements of the site remedial program, and generally accelengineering practices; and the information presented is accurate and compete. 	
		NO
	X	
2.	For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:	
	(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;	
	(b) nothing has occurred that would impair the ability of such Control, to protect public heather the environment;	alth and
	(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;	
	(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and	
	(e) if a financial assurance mechanism is required by the oversight document for the site, mechanism remains valid and sufficient for its intended purpose established in the docum	
	YES	NO
	×	
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.	
	A Corrective Measures Work Plan must be submitted along with this form to address these issu	es.

A Corrective Measures Work Plan must be submitted along with this form to address these issue							
Signature of Owner, Remedial Party or Designated Representative	Date						

IC CERTIFICATIONS SITE NO. 645053

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I <u>Gerald Cresap, PE</u> at <u>6780 Northern Blvd. Suite</u> print name	e 100, East Syracuse, NY, print business address
am certifying as <u>agent for National Grid</u>	(Owner or Remedial Party)
For the Site named in the Site Details Section of NEW H. CRES Signature of Owner, Remedial Party, Designated Representation	3-12-2029 Date
087401 17 POFFESSIONEL	

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

IGerald Cresap, PE	at6780 Northern Blvd.	Suite 100, East Syracus	se. NY
print name		print business address	······································
am certifying as a Qualified Environr	mental Professional for th	e <u>agent of National G</u>	rid
	OF NEW	(Owner or Remedial	Party)
	H. CREO OF		
\wedge	\$ 18 M	*	
	E G P P	all	
			2 (2 2)
	087401		3-12-2024
Signature of Qualified Environmenta the Owner or Remedial Party, Rend		Stamp (Required for PE)	Date
The fact of the state of the st	ornig coranication	(Trequired for FE)	

Reporting Period – February 17, 2023 through February 17, 2024

Attachment 3: Annual Monitoring Report





January 30, 2024

Mr. Brad Demo
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, BURC
625 Broadway
Albany, New York 12233-7014

RE: National Grid Former Manufactured Gas Plant Site

10 King Street, Ogdensburg, New York Annual Groundwater Monitoring Report

Dear Mr. Demo:

Enclosed for your review is the Annual Groundwater Monitoring Report for the NG Ogdensburg MGP Site, for 2023.

Groundwater and Environmental Service, Inc., (GES) OM&M contractor for National Grid, conducts all long-term OM&M activities at the site. Quarterly site inspections were conducted in 2023 (January, April, July, and October). The site is generally in good shape and in compliance. There were detections of BTEX and/or PAHs in 12 of the 13 monitoring wells sampled.

If you have any questions, then please feel free to contact me at 315.428.5652.

Very truly yours,

for SPS

Steven P. Stucker, C.P.G. Lead Environmental Engineer National Grid

Cc: Devin T. Shay – Groundwater and Environmental Services, Inc.

National Grid

Annual Groundwater Monitoring Report



National Grid Ogdensburg, Former MGP Site 10 King Street, Ogdensburg, NY 13669

January 2024

Version 1





Annual Groundwater Monitoring Report

National Grid Ogdensburg, Former MGP Site 10 King Street Ogdensburg, NY 13669

Prepared for: National Grid 300 Erie Boulevard West, C-1 Syracuse, NY 13202

Prepared by:

Groundwater & Environmental Services, Inc. 6780 Northern Boulevard, Suite 100 East Syracuse, NY 13057 TEL: 800-220-3069 www.gesonline.com

GES Project: 0603400.136690.221

Date: January 30, 2024

Devin T. Shay, PG

Program Manager / Principal Hydrogeologist



Table of Contents

1	In	troduction	. 1
		emi-Annual Groundwater Monitoring	
	2.1	Objectives	. 1
	2.2	Groundwater Well Gauging	. 1
	2.3	Groundwater Well Sampling and Analytical Results	.2
3	Q	uarterly Site-Wide Inspections	. 3
4	R	ecommendations	. 3
	4.1	Recommendations	.3

Figures

Figure 1 – Site Map

Figure 2 – Groundwater Contour Map, April 27, 2023

Figure 3 – Groundwater Contour Map, October 18, 2023

Figure 4 – Groundwater Analytical Map, April 27, 2023

Figure 5 – Groundwater Analytical Map, October 18, 2023

Tables

Table 1 – Groundwater Monitoring Well Gaguing Data

Table 2 – Groundwater Analytical Data

Appendices

Appendix A – Field Inspection Reports

Appendix B - Well Sampling Field Data

Appendix C – Data Usability Summary Report



1 Introduction

This Annual Groundwater Monitoring Report presents results from the activities conducted at the Ogdensburg former manufactured gas plant (MGP) site (the site) located in Ogdensburg, New York (the Site). A site map is presented on **Figure 1**. The work summarized herein has been conducted in accordance with the approved Site Management Plan (SMP) for the site, dated September 26, 2018.

A detailed discussion of the semi-annual monitoring activities and results is presented below.

2 Semi-Annual Groundwater Monitoring

2.1 Objectives

The objectives of the April and October 2023 groundwater monitoring activities were to:

- Obtain groundwater elevation data from monitoring wells in the vicinity of the site to evaluate groundwater flow direction and velocity, and compare the results with historical groundwater flow conditions.
- Obtain analytical data to assess potential changes in groundwater quality at the site and compare the results to the Class GA groundwater standards and guidance values presented in the New York State Department of Environmental Conservation (NYSDEC) document entitled, "Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (TOGS 1.1.1), reissued June 1998 and addended April 2000 and June 2004.

2.2 Groundwater Well Gauging

The April 27, 2023 and October 18, 2023 groundwater monitoring field activities were conducted by GES. Prior to collecting groundwater samples, static fluid level measurements were collected from MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, MW-14R, MW-15, MW-15RS, MW-17R, MW-19R, and MW-20R. Water levels were measured to the nearest 0.01 foot using an electronic oil-water interface probe to determine the depth from a surveyed mark on the top of the inner polyvinyl chloride (PVC) well casing to the groundwater within the well.

The fluid level measurements obtained from each monitoring well were converted to groundwater elevations using the surveyed well elevations. The calculated groundwater elevations for each monitoring well are listed in **Table 1**. **Table 1** also includes groundwater elevation measurements obtained during previous groundwater monitoring events. A shallow groundwater potentiometric surface contour map developed based on the groundwater elevation measurements taken on April 27, 2023 and October 18, 2023, is included on **Figure 2** and **Figure 3**, respectfully.

Groundwater generally flows to the north from the Site toward the St. Lawrence River. Groundwater elevations ranged from 249.05 feet above sea level (asl; well MW-15) to 257.43 feet asl (well MW-10R). Field data from the gauging event is presented in **Appendix B**.



2.3 Groundwater Well Sampling and Analytical Results

Groundwater samples were collected by GES from 13 monitoring wells on April 27, 2023 and October 18, 2023 (including MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, MW-14R, MW-15, MW-15RS, MW-17R, MW-19R, and MW-20R). Low-flow sampling techniques were used to purge groundwater from each monitoring well prior to collecting groundwater samples. Field parameters (consisting of turbidity, temperature, pH, conductivity, oxidation reduction potential [ORP], and dissolved oxygen) were measured approximately every 5 to 10 minutes during well purging, and the depth to water was monitored throughout the pumping process to minimize drawdown within the well. Well purging activities continued at each well until the field parameters stabilized and the turbidity of the water in the wells was reduced to less than 50 nephelometric turbidity units (NTUs). Groundwater field data is presented in **Appendix B**.

Following purging, groundwater samples were collected. The groundwater samples were bottled and shipped to Pace Analytical for laboratory analysis for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX; EPA Method 8260C), Semi-Volatile Polycyclic Aromatic Hydrocarbons (PAHs; EPA Method 8270D), as well as total cyanide (EPA Method 9012B). Quality assurance/quality control (QA/QC) samples, including a field duplicate, matrix spike, and duplicate matrix spike were also submitted for laboratory analysis. The laboratory analytical results for the groundwater samples were reported using NYSDEC Analytical Services Protocol (ASP) Category B data deliverable packages to facilitate data validation.

Purge water generated during the sampling activities was collected in 5-gallon buckets and transferred into 55-gallon steel drums for characterization prior to offsite treatment/disposal in accordance with applicable regulations.

Analytical results from the laboratory analysis report are summarized in **Table 2** and compared to the Class GA groundwater standards and guidance values presented in TOGS 1.1.1. VOC exceedances are bolded on **Table 2** and further shown on **Figures 4** and **5**. The Data Usability Summary Report (DUSR) is included in **Appendix C**.

There were BTEX and/or PAH detections in most of the monitoring wells sampled during the April and October 2023 sampling events. In April 2023, BTEX, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and naphthalene were detected above the regulatory criteria in one or more samples. Cyanide was detected in monitoring wells MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, and MW-15RS during the April 2022 event. In October 2023, BTEX, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluorene, naphthalene, and phenanthrene were detected above the regulatory criteria in one or more samples. Cyanide was detected in monitoring wells MW-2(R), MW-5R(R), MW-8R, MW-9, MW-10R, MW-11, MW-12R, and MW-15RS in October 2023. As shown on **Table 2**, BTEX, PAHs and total cyanide detected in groundwater during the April and October 2023 sampling events are consistent with results from previous sampling events.



3 Quarterly Site-Wide Inspections

The quarterly site-wide inspections were conducted on January 25, April 27, July 13, and October 18, 2023. The Site Inspection Forms are presented in **Appendix A**. In general, the Site is in compliance.

4 Recommendations

4.1 Recommendations

At this time, National Grid recommends continuing the annual monitoring activities. The next annual groundwater sampling event would be in the spring 2024. Semi-Annual site-wide inspections are required; however, for internal security purposes, National Grid will continue to conduct quarterly site-wide inspections.



Figures

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Annual Groundwater Monitoring Report National Grid Ogdensburg Former MGP Site 10 King Street, Ogdensburg, New York



Tables



Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Well Type & Diameter	Depth To Water (4/15/21)	Groundwater Elevation (4/15/21)	Depth To Water (10/20/21)	Groundwater Elevation (10/20/21)	Depth To Water (4/14/22)	Groundwater Elevation (4/14/22)	Depth To Water (10/20/22)	Groundwater Elevation (10/20/22)	Depth To Water (4/27/23)	Groundwater Elevation (4/27/23)	Depth To Water (10/18/23)	Groundwater Elevation (10/18/23)
MW-2(R)	Flushmount; PVC; 2-inch	2.69	256.51	4.18	255.02	1.26	257.94	2.72	256.48	2.27	256.93	2.93	256.27
MW-5R(R)	Flushmount; PVC; 2-inch	-0.04	259.44	2.11	257.29	0.00	259.40	1.89	257.51	-0.05	259.45	2.22	257.18
MW-8R	Flushmount; PVC; 2-inch	2.29	255.09	2.56	254.82	1.62	255.76	1.75	255.63	1.75	255.63	2.05	255.33
MW-9	Flushmount; PVC; 2-inch	4.83	252.17	4.94	252.06	4.84	252.16	4.84	252.16	4.91	252.09	4.97	252.03
MW-10R	Flushmount; PVC; 2-inch	0.00	257.58	0.55	257.03	0.00	257.58	0.00	257.58	0.10	257.48	0.15	257.43
MW-11	Flushmount; PVC; 2-inch	2.99	256.08	3.73	255.34	2.16	256.91	3.31	255.76	2.95	256.12	3.62	255.45
MW-12R	Flushmount; PVC; 2-inch	7.22	253.57	9.19	251.60	5.48	255.31	8.73	252.06	6.36	254.43	8.37	252.42
MW-14R	Flushmount; PVC; 2-inch	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13	0.00	256.13
MW-15	Flushmount; PVC; 2-inch	7.30	249.32	8.33	248.29	6.96	249.66	7.55	249.07	7.38	249.24	7.57	249.05
MW-15RS	Flushmount; PVC; 2-inch	7.72	250.02	8.50	249.24	7.80	249.94	8.25	249.49	9.91	247.83	7.78	249.96
MW-17R	Flushmount; PVC; 2-inch	6.84	256.45	7.29	256.00	5.95	257.34	6.88	256.41	6.59	256.70	6.75	256.54
MW-19R	Flushmount; PVC; 2-inch	3.55	251.97	4.00	251.52	2.58	252.94	3.30	252.22	2.08	253.44	4.33	251.19
MW-20R	Flushmount; PVC; 2-inch	0.50	251.36	0.20	251.66	0.00	251.86	0.00	251.86	0.13	251.73	0.00	251.86



Groundwater Analytical Data

MW-2(R)

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/23/14	10/20/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
ВТЕХ												
Benzene	1	μg/L	61	120	55.4	44.3	49.1	45.2	38.4	63.4	37.3	35.4
Ethylbenzene	5	μg/L	ND	3	1.5	1.6	2.0	1.3	ND	2.7	2.1	1.3
Toluene	5	μg/L	29	44	22.4	19.4	23.1	17.8	18.4	29.3	20.6	15.7
Total Xylenes	5	μg/L	23	36	20.7	17.8	23.1	17.1	18.3	29.7	21.1	12.9
SVOCs												
Acenaphthene	20	μg/L	1.8 J	4 J	3.5	3.0	4.9	10.7	2.6	5.0	4.8	2.4
Acenaphthylene		μg/L	7.7	18	16.2	12.6	20.7	44.9	10.5	19.8	18.5	11.2
Anthracene	50	μg/L	1.7 J	3 J	2.6	1.8	2.2	6.7	1.1	2.1	2.4	1.9
Benzo(a)anthracene	0.002	μg/L	3.3	ND	0.13	0.37	ND	ND	ND	ND	ND	0.18
Benzo(a)pyrene	ND	μg/L	2.8	ND	ND	0.38	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	3.5	ND	ND	0.50	ND	ND	ND	ND	ND	0.17
Benzo(g,h,i)perylene		μg/L	1.6 J	ND	ND	0.23	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	1.4 J	ND	ND	0.17	ND	ND	ND	ND	ND	0.17
Chrysene	0.002	μg/L	2.6	ND	ND	0.29	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	6.9	ND	1.2	1.3	0.98	2.9	0.49	1.5	1.6	0.92
Fluorene	50	μg/L	2.3	7	6.2	5.2	7.7	22.1	3.7	9.1	8.9	4.2
Indeno(1,2,3-cd)pyrene	0.002	μg/L	1.4 J	ND	ND	0.23	ND	ND	ND	ND	ND	ND
2-Methylnapthalene		μg/L	5.8	20	17.9	17.1	22.5	50.1	15.4	20.8	25.0	13.0
Naphthalene	10	μg/L	120	270	210	270	327	622	257	234	273	162
Phenanthrene	50	μg/L	4.1	6	5.0	4.1	5.5	17.7	2.0	6.6	7.0	3.2
Pyrene	50	μg/L	5.4	ND	0.74	0.92	0.61	1.7	0.30	1.0	1.1	0.55
Inorganics												
Cyanide, Total	200	μg/L	900	530	240	4,100	390	4,900	330	680	450	670

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-5R(R)

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/22/14	10/20/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	130	440	392	354	144	231	98.7	308	65.8	261
Ethylbenzene	5	μg/L	7.0	26	27.3	24.3	11.6	16.8	4.9	16.8	3.1	11.0
Toluene	5	μg/L	3.0	70	82.6	65.0	21.8	25.5	3.9	9.4	1.1	6.3
Total Xylenes	5	μg/L	6.4	53	78.9	58.7	24.2	33.7	8.4	26.2	4.0	16.3
SVOCs												
Acenaphthene	20	μg/L	9.8	71	44.9	38.8	26.8	28.5	12.2	20.6	9.2	29.5
Acenaphthylene		μg/L	6.6	40	31.9	24.6	14.1	16.6	3.5	7.9	1.7	5.6
Anthracene	50	μg/L	0.50 J	8	4.9	3.1	0.85	2.0	ND	0.36	ND	0.35
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.11	ND						
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	6	4.2	2.4	1.6	2.0	0.96	1.3	0.66	1.4
Fluorene	50	μg/L	4.7	48	28.4	23.8	18.5	21.6	9.1	12.9	6.7	13.9
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	6	10.3	7.9	3.9	4.3	0.76	0.77	ND	ND
Naphthalene	10	μg/L	4.1	210	248	315	86.6	110	4.7	51.9	16.0	69.9
Phenanthrene	50	μg/L	2.6	41	25.2	20.7	14.7	17.7	6.4	8.1	5.4	11.9
Pyrene	50	μg/L	ND	5	3.5	2.1	1.4	1.6	0.79	1.1	0.56	1.1
Inorganics												
Cyanide, Total	200	μg/L	10	55	55	49	17	34	11	34	11	28

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-8R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
	Guidance values											
BTEX												
Benzene	1	μg/L	550	800	1,300	576	431	623	359	615	312	542
Ethylbenzene	5	μg/L	13	14	66.2	13.6	9.5	20.7	9.2	17.2	9.6	11.3
Toluene	5	μg/L	10	20	75.2	9.2	5.6	20.2	10.8	17.2	8.2	11.6
Total Xylenes	5	μg/L	19	27	132	18.0	12.5	32.6	16.1	26.2	13.7	16.6
SVOCs												
Acenaphthene	20	μg/L	5.6	10	16.2	7.6	8.2	12.6	7.5	8.5	6.7	11.0
Acenaphthylene		μg/L	6.7	10	23.4	5.4	3.3	12.9	4.9	7.9	5.0	7.9
Anthracene	50	μg/L	0.94 J	0.9	2.9	0.68	ND	1.5	0.44	0.61	1.5	1.1
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.48	0.48	0.11	0.39	0.27	0.19	1.6	0.18
Benzo(a)pyrene	ND	μg/L	ND	ND	0.28	0.36	ND	0.22	0.16	0.12	1.4	0.11
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	0.31	0.38	ND	0.33	0.24	0.18	1.9	0.14
Benzo(g,h,i)perylene		μg/L	ND	ND	0.10	0.13	ND	ND	ND	ND	0.45	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	0.10	0.18	ND	0.28	0.22	0.16	1.5	0.13
Chrysene	0.002	μg/L	0.39 J	ND	0.28	0.32	ND	0.22	0.19	0.12	1.3	ND
Dibenz(a,h)anthracene		μg/L	ND	0.22	ND							
Fluoranthene	50	μg/L	1.5 J	0.7	2.5	1.2	0.61	1.6	0.94	0.79	3.3	0.95
Fluorene	50	μg/L	4.40	7	15.6	4.5	4.6	10.1	5.1	6.1	6.0	7.2
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	0.10	0.14	ND	ND	ND	ND	0.45	ND
2-Methylnapthalene		μg/L	3.7	3	15.0	2.5	1.4	10.2	5.0	4.3	4.3	5.8
Naphthalene	10	μg/L	33	51	333	37.9	35.8	109	65.5	47.4	35.2	47.1
Phenanthrene	50	μg/L	2.7	2	9.2	1.7	1.3	4.0	1.8	2.0	5.4	2.5
Pyrene	50	μg/L	1.1 J	0.5	1.8	0.97	0.45	1.2	0.73	0.61	2.8	0.67
Inorganics												
Cyanide, Total	200	μg/L	59	320	54	58	26	17	22	120	12	66

Notes:

Results are presented in units of micrograms per liter (µg/L). Ε

= Results exceeded calibration range

= Compound quantitated using a secondary dilution D

= Analyte was detected at a concentration less than the laboratory reporting limit ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-9

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
DTEV												
BTEX	4		200	240	202	000	405	250	455	270	045	070
Benzene	1 -	μg/L "	280	340	283	228	165	259	155	378	245	279
Ethylbenzene	5	μg/L	120	140	112	107	65.3	111	79.2	146	103	114
Toluene	5	μg/L	170	85	50.8	16.3	9.6	21.3	24.1	108	30.3	67.6
Total Xylenes	5	μg/L	250	180	91.7	52.1	53.0	49.5	81.6	142	141	111
SVOCs												
Acenaphthene	20	μg/L	76	48	30.2	55.5	59.9	52.8	58.3	63.8	40.8	73.8
Acenaphthylene		μg/L	29	17	8.6	11.0	21.6	21.9	14.9	14.0	11.3	26.7
Anthracene	50	μg/L	11	8	2.6	11.4	7.3	19.7	5.6	9.3	3.4	13.4
Benzo(a)anthracene	0.002	μg/L	ND	2	0.21	5.80	2.5	18.5	2.8	4.8	0.59	4.6
Benzo(a)pyrene	ND	μg/L	ND	1	ND	4.4	1.6	12.7	1.7	2.8	0.41	2.9
Benzo(b)fluoranthene	0.002	μg/L	ND	1	ND	4.8	2.1	18.0	2.4	4.2	0.56	3.3
Benzo(g,h,i)perylene		μg/L	ND	0.4 J	ND	1.5	0.46	4.5	0.56	ND	0.12	0.78
Benzo(k)fluoranthene	0.002	μg/L	ND	0.5 J	ND	1.8	2.0	15.4	2.2	3.7	0.43	2.6
Chrysene	0.002	μg/L	ND	1	0.13	4.30	1.8	11.2	2.0	3.3	0.39	2.3
Dibenz(a,h)anthracene		μg/L	ND	0.2 J	ND	0.46	0.21	1.6	0.22	ND	0.12	0.28
Fluoranthene	50	μg/L	6.0	8	2.2	19.2	8.7	37.4	9.0	16.5	3.5	12.6
Fluorene	50	μg/L	56	38	19.0	36.1	34.1	45.4	28.1	38.9	22.4	58.7
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	1	ND	1.5	0.49	4.3	0.58	ND	0.12	0.89
2-Methylnapthalene		μg/L	14	1	ND							
Naphthalene	10	μg/L	450	72	18.1	9.1	51.2	10.3	20.0	28.1	43.1	44.1
Phenanthrene	50	μg/L	51	36	9.7	25.2	9.2	43.5	2.5	4.0	17.7	53.4
Pyrene	50	μg/L	3.5	5	1.2	12.7	6.1	28.1	6.2	11.8	2.2	8.8
Inorganics												
Cyanide, Total	200	μg/L	410	1,300	1,000	1,500	320	1,100	560	950	410	1,500

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-10R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/23/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
ВТЕХ												
Benzene	1	μg/L	1,700 J	1,400	1,360	1,540	1,040	1,790	220	1,760	1,520	1,990
Ethylbenzene	5	μg/L	25 J	100	122	124	94.3	138	101	139	96	128
Toluene	5	μg/L	3.1	94	230	201	171	197	174	222	172	229
Total Xylenes	5	μg/L	15	65	161	150	125	161	127	175	134	164
SVOCs												
Acenaphthene	20	μg/L	9.6	24	16.8	25.3	22.0	29.8	29.2	37.5	26.4	40.6
Acenaphthylene		μg/L	6.0	23	22.7	27.5	31.9	34.1	37.5	46.6	31.8	39.3
Anthracene	50	μg/L	ND	0.5	0.80	0.89	0.89	ND	0.78	ND	0.43	0.87
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	ND	0.11	0.11	ND	ND	0.096	ND	ND	ND
Fluorene	50	μg/L	3.9	11	8.1	11.4	9.7	13.2	10.5	16.2	10.0	14.6
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	1	3.6	4.8	6.4	7.4	11.0	6.4	6.7	10.7
Naphthalene	10	μg/L	20 J	140	296	486	405	653	449	431	401	608
Phenanthrene	50	μg/L	1.3 J	2	1.6	2.4	1.8	2.3	1.7	2.5	1.7	2.5
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	420	190	63	62	74	61	150	110	110	75

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-11

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.11	ND	ND	ND	0.11	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	0.14	ND	ND	ND	0.11	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	0.13	ND	0.12	ND	0.16	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	0.12	ND	0.15	ND	ND	ND
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	0.19	ND						
Naphthalene	10	μg/L	ND	ND	0.87	0.36	0.18	ND	0.32	0.13	ND	0.20
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND	ND	ND	ND	ND	ND	0.099	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	250	310	160	270	150	200	310	170	110	310

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-12R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
BTEX												
Benzene	1	μg/L	2.600	2.900	1.420	2.440	2.470	2.520	2.320	1.920	1.650	1.650
Ethylbenzene	5	μg/L	130	110	67.6	86.7	87.3	104	103	98.2	73.8	80.8
Toluene	5	μg/L	7.4	15	5.8	13.8	16.1	13.2	15.7	11.4	10.0	9.4
Total Xylenes	5		49	83	27.8	58.1	70.0	72.4	75.6	66.8	53.8	52.8
Total Xylenes	5	μg/L	49	83	21.8	58.1	70.0	12.4	/5.6	86.8	53.8	52.8
SVOCs												
Acenaphthene	20	μg/L	3.4	4	104	1.2	1.4	1.8	1.5	1.5	1.0	1.1
Acenaphthylene		μg/L	4.8	7	1.9	1.5	2.9	3.0	3.2	3.0	2.1	2.2
Anthracene	50	μg/L	ND	ND	ND	0.098	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND	0.3 J	0.24	0.20	0.20	ND	0.20	0.21	0.15	0.15
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND									
Naphthalene	10	μg/L	31	92	6.1	19.7	52.7	39.5	66.2	34.6	33.2	18.3
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	190	37	62	33	29	40	25	34	28	26

Notes:

Results are presented in units of micrograms per liter (µg/L).

Ε = Results exceeded calibration range

= Compound quantitated using a secondary dilution D

= Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-14R

	NYSDEC TOGS 1.1.1		00/05/44	40/40/47	07/44/00	40/04/00	0.4/4.5/04	40/00/04	0.4/4.4/00	10/00/00	0.4/07/00	40/40/00
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	3.0	48	1.0	ND	1.6	1.8	2.8	1.4	9.1	1.6
Ethylbenzene	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
Acenaphthene	20	μg/L	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnapthalene		μg/L	ND	ND	0.14	ND	ND	0.12	ND	ND	ND	ND
Naphthalene	10	μg/L	ND	ND	0.96	ND	ND	0.99	0.18	ND	0.29	0.20
Phenanthrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-15

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/24/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND	NA	ND	ND						
Ethylbenzene	5	μg/L	ND	NA	ND	ND						
Toluene	5	μg/L	ND	NA	ND	ND						
Total Xylenes	5	μg/L	ND	NA	ND	ND						
SVOCs												
Acenaphthene	20	μg/L	ND	ND	0.15	ND	ND	ND	ND	NA	ND	ND
Acenaphthylene		μg/L	ND	ND	0.18	ND	ND	ND	ND	NA	ND	ND
Anthracene	50	μg/L	ND	ND	0.12	ND	ND	ND	ND	NA	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	0.28	ND	ND	ND	ND	NA	0.17	ND
Benzo(a)pyrene	ND	μg/L	ND	0.2 J	0.27	ND	ND	ND	ND	NA	0.19	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	0.2 J	0.29	ND	ND	ND	ND	NA	0.27	ND
Benzo(g,h,i)perylene		μg/L	ND	0.2 J	0.13	ND	ND	ND	ND	NA	ND	ND
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	0.11	ND	ND	ND	ND	NA	0.21	ND
Chrysene	0.002	μg/L	ND	ND	0.19	ND	ND	ND	ND	NA	0.14	ND
Dibenz(a,h)anthracene		μg/L	ND	0.2 J	ND	ND	ND	ND	ND	NA	0.098	ND
Fluoranthene	50	μg/L	ND	ND	0.45	ND	ND	0.11	ND	NA	0.22	ND
Fluorene	50	μg/L	ND	0.3 J	0.13	ND	ND	ND	ND	NA	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND	ND	0.12	ND	ND	ND	ND	NA	ND	ND
2-Methylnapthalene		μg/L	ND	ND	0.2	ND	ND	ND	ND	NA	ND	ND
Naphthalene	10	μg/L	ND	ND	1.0	0.27	ND	ND	ND	NA	ND	0.32
Phenanthrene	50	μg/L	ND	0.1 J	0.28	ND	ND	ND	ND	NA	ND	ND
Pyrene	50	μg/L	0.35 J	0.3 J	0.4	ND	ND	ND	ND	NA	0.20	ND
Inorganics												
Cyanide, Total	200	μg/L	ND	ND	15	ND	ND	ND	ND	NA	ND	ND

Notes:

Results are presented in units of micrograms per liter (µg/L). Ε

= Results exceeded calibration range

D = Compound quantitated using a secondary dilution

= Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS = Not Available



Groundwater Analytical Data

MW-15RS

	NYSDEC TOGS 1.1.1	Units	09/22/14	10/19/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
	Guidance Values											
BTEX												
Benzene	1	μg/L	750	170	4.8	9.7	49.6	79.0	57.9	26.1	97.0	3.1
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	0.54 J	ND								
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	0.14	ND						
Naphthalene	10	μg/L	ND	ND	0.85	0.52	0.14	ND	0.18	0.18	ND	ND
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	160	64	67	41	51	54	68	67	56	60

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-17R

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND	ND	ND	ND	1.7	2.9	2.6	ND	1.7	ND
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND	ND	ND	ND	ND	0.30	ND	ND	ND	ND
Anthracene	50	μg/L	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND
Benzo(a)anthracene	0.002	μg/L	ND	ND	ND	ND	ND	0.18	ND	ND	ND	ND
Benzo(a)pyrene	ND	μg/L	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND	ND	ND	ND	ND	0.14	ND	ND	ND	ND
Chrysene	0.002	μg/L	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND
Fluorene	50	μg/L	ND	ND	ND	ND	ND	0.21	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	ND	ND	ND	0.35	ND	ND	ND	ND
Naphthalene	10	μg/L	ND	ND	0.13	0.37	0.21	1.9	0.17	0.13	0.19	ND
Phenanthrene	50	μg/L	ND	ND	ND	ND	ND	0.44	ND	ND	ND	ND
Pyrene	50	μg/L	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	μg/L	ND									

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-19R

	NYSDEC TOGS 1.1.1											
	Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND									
Naphthalene	10	μg/L	ND	ND	0.30	0.12	ND	ND	0.14	ND	0.12	ND
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	ND									

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Groundwater Analytical Data

MW-20R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	09/25/14	10/18/17	07/14/20	10/01/20	04/15/21	10/20/21	04/14/22	10/20/22	04/27/23	10/18/23
втех												
Benzene	1	μg/L	ND									
Ethylbenzene	5	μg/L	ND									
Toluene	5	μg/L	ND									
Total Xylenes	5	μg/L	ND									
SVOCs												
Acenaphthene	20	μg/L	ND									
Acenaphthylene		μg/L	ND									
Anthracene	50	μg/L	ND									
Benzo(a)anthracene	0.002	μg/L	ND									
Benzo(a)pyrene	ND	μg/L	ND									
Benzo(b)fluoranthene	0.002	μg/L	ND									
Benzo(g,h,i)perylene		μg/L	ND									
Benzo(k)fluoranthene	0.002	μg/L	ND									
Chrysene	0.002	μg/L	ND									
Dibenz(a,h)anthracene		μg/L	ND									
Fluoranthene	50	μg/L	ND									
Fluorene	50	μg/L	ND									
Indeno(1,2,3-cd)pyrene	0.002	μg/L	ND									
2-Methylnapthalene		μg/L	ND	ND	0.14	ND						
Naphthalene	10	μg/L	ND	ND	0.89	0.21	ND	0.21	ND	ND	ND	ND
Phenanthrene	50	μg/L	ND									
Pyrene	50	μg/L	ND									
Inorganics												
Cyanide, Total	200	μg/L	ND									

Notes:

Results are presented in units of micrograms per liter ($\mu g/L$).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.



Appendix A – Field Inspection Reports

Date:	10/18/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Cloudy 50

Site Wide					
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:		
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:		

Site Wide - SLG Responsible to Maintain						
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:			
Have the lawns been mowed?	YES	NO	COMMENTS:			

Soil Cover System						
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:			
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:			
Any surface erosion?	YES	NO	COMMENTS:			
Any settlement?	YES	NO	COMMENTS:			
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:			
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:			

NG Owned Property on Lake Street - Not part of the SMP						
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:	
Have the lawns been mowed?	YES			NO	COMMENTS:	
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:	
Condition of the site trees?	GOOD	F/	AIR	POOR	COMMENTS:	
Are the boulders in place?	YES			NO	COMMENTS:	

Miscellaneous					
Evidence of Trespassing	YES			NO	COMMENTS:
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:

Site Monitoring Wells					
Well ID.	Location Secure				
MW-2(R)	YES	NO			
MW-5R(R)	YES	NO			
MW-8R	YES	NO			
MW-9	YES	NO			
MW-10R	YES	NO			
MW-11	YES	NO			
MW-12R	YES	NO			
MW-14R	YES	NO			
MW-15	YES	NO			
MW-15RS	YES	NO			
MW-17R	YES	NO			
MW-19R	YES	NO			
MW-20R	YES	NO			

General Comments:

NYSDEC Brad Demo on site

Date:	7/13/2023	Ogdensburg, New York	Time:	9:00
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 76

Site Wide					
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:		
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:		

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

Soil Cover System					
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:		
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:		
Any surface erosion?	YES	NO	COMMENTS:		
Any settlement?	YES	NO	COMMENTS:		
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:		
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:		

NG Owned Property on Lake Street - Not part of the SMP								
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO		COMMENTS:			
Have the lawns been mowed?	YES	YES NO		NO	COMMENTS:			
Conditon of the sidewalks?	GOOD	F.A	AIR	POOR	COMMENTS:			
Condition of the site trees?	GOOD	F/	AIR	POOR	COMMENTS:			
Are the boulders in place?	YES			NO	COMMENTS:			

Miscellaneous						
Evidence of Trespassing	YES			NO	COMMENTS:	
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:	

Site Monitoring Wells					
Well ID.	Location Secure				
MW-2(R)	YES	NO			
MW-5R(R)	YES	NO			
MW-8R	YES	NO			
MW-9	YES	NO			
MW-10R	YES	NO			
MW-11	YES	NO			
MW-12R	YES	NO			
MW-14R	YES	NO			
MW-15	YES	NO			
MW-15RS	YES	NO			
MW-17R	YES	NO			
MW-19R	YES NO				
MW-20R	YES	NO			

General Comments:

City is onsite removing trees and debris around the old cheese factory. Walked the site with the crew to identify and markout the monitoring wells.

Date:	4/27/2023	Ogdensburg, New York	Time:	8:30
Technician:	KL	NYSDEC Site No. V00479	Weather:	Sunny 46

Site Wide					
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:		
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:		

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS:		

Soil Cover System						
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:			
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:			
Any surface erosion?	YES	NO	COMMENTS:			
Any settlement?	YES	NO	COMMENTS:			
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:			
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:			

NG Owned Property on Lake Street - Not part of the SMP								
Any repairs, maintenace or corrective actions since the last inspection?	YES		NO		COMMENTS:			
Have the lawns been mowed?	YES	YES		NO	COMMENTS:			
Conditon of the sidewalks?	GOOD	FA	MR	POOR	COMMENTS:			
Condition of the site trees?	GOOD	FA	MR	POOR	COMMENTS:			
Are the boulders in place?	YES	YES		NO	COMMENTS:			

Miscellaneous						
Evidence of Trespassing	YES NO COMMENTS:					
Litter	NONE MINOR			SIGNIFICANT	COMMENTS:	

Site Monitoring Wells					
Well ID.	Location Secure				
MW-2(R)	YES NO				
MW-5R(R)	YES	NO			
MW-8R	YES	NO			
MW-9	YES	NO			
MW-10R	YES	NO			
MW-11	YES	NO			
MW-12R	YES	NO			
MW-14R	YES	NO			
MW-15	YES	NO			
MW-15RS	YES NO				
MW-17R	YES	NO			
MW-19R	YES NO				
MW-20R	YES	NO			

General Comments:

Date:	1/25/2023	Ogdensburg, New York	Time:	9:45
Technician:	KL	NYSDEC Site No. V00479	Weather:	Cloudy 22

Site Wide					
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:		
Are the requirements of the Site Management Plan being met?	YES	NO	COMMENTS:		
Any signs/evidence of use of the Site in a manner inconsistent with the deed restriction?	YES	NO	COMMENTS:		

Site Wide - SLG Responsible to Maintain					
Perimeter Fence and Gates intact?	YES	NO	COMMENTS:		
Have the lawns been mowed?	YES	NO	COMMENTS: winter		

Soil Cover System								
Any signs of ground-intrusive activities?	YES	NO	COMMENTS:					
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:					
Any surface erosion?	YES	NO	COMMENTS:					
Any settlement?	YES	NO	COMMENTS:					
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:					
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:					

NG Owned Property on Lake Street - Not part of the SMP									
Any repairs, maintenace or corrective actions since the last inspection?	YES			NO	COMMENTS:				
Have the lawns been mowed?	YES			NO	COMMENTS: winter				
Conditon of the sidewalks?	GOOD	F/	MR	POOR	COMMENTS:				
Condition of the site trees?	GOOD	F/	MR	POOR	COMMENTS:				
Are the boulders in place?	YES			NO	COMMENTS:				

Miscellaneous							
Evidence of Trespassing	YES			NO	COMMENTS:		
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:		

Site Monitoring Wells							
Well ID.	Location Secure						
MW-2(R)	YES	NO					
MW-5R(R)	YES	NO					
MW-8R	YES	NO					
MW-9	YES	NO					
MW-10R	YES	NO					
MW-11	YES	NO					
MW-12R	YES	NO					
MW-14R	YES	NO					
MW-15	YES	NO					
MW-15RS	YES	NO					
MW-17R	YES	NO					
MW-19R	YES	NO					
MW-20R	YES	NO					

General Comments:

water bubbling out of manway. Installed a new gripper plug.



Appendix B – Well Sampling Field Data

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-2(R)	Yes	2"	2.27		6.35	
MW-5R(R)	Yes	2"	-0.05		24.30	
MW-8R	Yes	2"	1.75		20.92	MS/MSD
MW-9	Yes	2"	4.91		6.35	
MW-10R	Yes	2"	0.00	-0.10	22.50	Field Duplicate
MVV-11	Yes	2"	2.95		6.51	ī
MW-12R	Yes	2"	6.36		21.40	
MW-14R	Yes	2"	0.00		50.80	
MW-15	Yes	2"	7-38		9.04	
MW-15RS	Yes	1"	9.91		23.65	
MW-17R	Yes	2"	6.59		26.90	
MW-19R	Yes	2"	2.08		38.05	
MW-20R	Yes	2"	0.13		28.40	

DTW -depth to water

DTP -depth to product

DTB -depth to bottom

Ogdensburg, New York							
Sampling Personnel:	les hor			Date: 🍴	27/23		
Job Number: 0603324-	136690-221			Weather:	Surry 600	3	
Well Id. MW-2(R)				Time In:		Time Out	t: 1125
							"
Well Information	_						
		TOC	Other	Well Type:		shmount	Stick-Up
Depth to Water:	(feet)	2.27		Well Locks		Yes	No
Depth to Bottom: Depth to Product:	(feet)	6.35		Well Mate	Point Marked:	Yes X	No ther:
Length of Water Column:	(feet)	4.08		Well Diam			ther:
Volume of Water in Well:	(gal)	0.65		Comments	3.		
Three Well Volumes:	(gal)	1.95		***************************************			
Purging Information	-						
Purging Method:	Baile	r Peristaltio	Cruno	lfos Pump		Conversion 1" ID 2" ID	
Tubing/Bailer Material:	Teflor		-	lyethylene	gal/ft.	1 10 2 10	4 10 0 10
Sampling Method:	Baile			fos Pump	water	0.04 0.16	0.66 1.47
Average Pumping Rate:	(ml/min)	200			1 gali	on=3.785L=3785i	
Duration of Pumping:	(min)	36					
Total Volume Removed:	(gal)	2 0	oid well go dry?	Yes No	X		
Horiba U-52 Water Quality N	Meter Used?	Yes	No				
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1050 3.01	11.60	1.92	-283	0.619	2.0	1.68	0.395
1100 4.06	10.87	8.31	-317	0.581	3.9	0.80	0.37/
1105 4.64	10:67	9.24	-309	0.471	0,0	0.68	0.306
1110 5.48	10.80	984	-297	0.426	0.0	2.00	0,272
1115 5.82	11.12	11.19	-295	0.516	0.5	3.27	0-335
1120 5.85	11,22	11.63	-283	0.690	10.0	4.40	0.452
							
						Mary Mary Mary Mary Mary Mary Mary Mary	1
Sampling Information:							
camping information.							
EPA SW-846 Method 8270	SVOC F	PAH's			2 - 100 ml amb	ers Yes	No
EPA SW-846 Method 8260	VOC's E	BTEX			3 - 40 ml vials	yes	No No
EPA SW-846 Method 9012	Total Cya	anide			1 - 250 ml plas	tic Yes	No No
2000.0000.00							
Sample ID: MW-2(R)-0			Yes No No	Shi	pped: Pa	ce Courier Pick	up 🗡 📗
Sample Time: //20	IVIS	/MSD?	Yes No X			Ship to Pace	
Comments/Notes:				Į Į	_aboratory:	Pace Ana	llytical
				- 11		Greensbu	- 11

Sampling Personnel: Putes Up and the control of the co	
Job Number: 0603324-136690-221 Weather: Sum	
Well Id. MW-5R(R) Time In: 1/2?	1 65°
	Time Out: 12.05
Well Information	511
Depth to Water: (feet) -0.05 Well Type: Well Locked:	Flushmount Stick-Up
Depth to Water:(feet)0.05Well Locked:Depth to Bottom:(feet)24.30Measuring Point Ma	
Depth to Product: (feet) Well Material:	PVC SS Other:
Length of Water Column: (feet) 24.35 Well Diameter:	1" 2" Other:
Volume of Water in Well: (gal) 3,89 Comments:	
Three Well Volumes: (gal) /1, &7	3
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos Pump	gal/ft. 1" ID 2" ID 4" ID 6" I
Tubing/Bailer Material: Teflon Stainless St. Polyethylene	of
Sampling Method: Bailer Peristaltic Grundfos Pump	water 0.04 0.16 0.66 1.4
Average Pumping Rate: (ml/min) 250	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 30	
Total Volume Removed: (gal) Did well go dry? Yes No 🗸	
Horiba U-52 Water Quality Meter Used?	
	oidity DO TDS
(feet) (°C) (mV) (mS/cm) (N	
1130 0.04 10.79 9.16 -322 0.683 6.	
1135 1.61 10.35 8.30 -339 0.652 0.	
1135 1.61 10.35 8.30 -339 0.657 0. 1140 2.50 10.75 8.13 -341 0.657 0.	0 0.61 0.420
1135 1.61 10.35 8.30 -339 0.657 0. 1140 2.50 10.75 8.13 -341 0.657 0. 1145 3.13 10.30 8.02 -338 0.657 0.	0 0.61 0.420
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1/3\frac{1}{3}	0 0.61 0.420 0 0.63 0.420 0 0.64 0.420 0 6.63 0.420 0 0.64 0.421
1/3\$ 1,61 10.35 8,30 -339 0,652 0,	ml ambers Yes No
1/35 1.61 10.35 8.30 -339 0.657 0.	ml ambers Yes No No ml plastic Yes No
1/35	ml ambers Yes No No Mills

 $\verb|\syracuse-01|Dashboard|Planning|951359.xlsm|$

Ogdensburg,	New TOIK								
Sampling Per	rsonnel:	AT			Date: 4	1/27/23			
Job Number:		136690-221			Weather:	49°F15	unny		
Well Id.	MW-8R				Time In:	1053	Time Out	:1140	
VVCII Id.	WWW OIK					7.50			
Well Information TOC Other Well Type: Flushmount Stick-Up Depth to Water: (feet) // 75 Well Locked: Yes No Depth to Bottom: (feet) 20.92 Measuring Point Marked: Yes No Depth to Product: (feet) // P Well Material: PVC SS Other: Length of Water Column: (feet) // P Well Diameter: 1" 2" Other: Volume of Water in Well: (gal) 3.06 Comments: Comments:									
							All Market pills and a second		
Purging Meth Tubing/Bailer Sampling Met Average Pum Duration of Pu Total Volume	Purging Information Purging Method: Tubing/Bailer Material: Sampling Method: Bailer Peristaltic Stainless St. Polyethylene Sampling Method: Average Pumping Rate: Duration of Pumping: Total Volume Removed: Horiba U-52 Water Quality Meter Used? Purging Information Conversion Factors gal/ft. 1" ID 2" ID 4" ID 6" ID water 0.04 0.16 0.66 1.47 1 gallon=3.785L=3785mL=1337cu. feet								
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS	
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)	
1100	2.76	11:85	7.42	=109	1.1340000g	11.3	6-13	0,741	
1100	3,55	11.50	7,109	-164	0.761	0.0	10.03	0,497	
1115	3.96	11,51	101	-169	0762	0.0	9.34	0,487	
1120	3.99	11,49	7,72	-177	0.761	0.4	8.11	0.487	
1125	4.01	11.34	7.71	-182 -185	0.758	4.3	5.22	0.485	
Sampling Info	ormation:								
EPA SW-84	6 Method 8270 6 Method 8260 6 Method 9012 MS-0423 MV	SVOC P. VOC's B Total Cya V-8R-MSD-042	TEX anide			6 - 100 ml amb 9 - 40 ml vial: 3 - 250 ml plas	s Yes		
Sample ID:	MW-8R-04	23 Dup	olicate?	Yes No X	Shi	pped: Pa	ace Courier Pickt	up 🔀 📗	
Sample Time:	1135	MS/	/MSD?	Yes No L			Ship to Pace		
Comments/No	tes:					Laboratory:	Pace Ana	lytical	

Greensburg, PA

 $\verb|\svrrmt88-vm3\svracuse-01\Dashboard\Planning\951359.xlsm|$

						AND AND ADDRESS OF THE PARTY OF		
Sampling Pe	rsonnel:	AJ			Date: 4	127/22		
Job Number:	0603324-1	36690-221			Weather:	470F,54	unv	
Well Id.	MW-9				Time In:	1005		1050
Well In	formation							
		•	TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat		(feet)	4.91		Well Lock		Yes	No
Depth to Bott	Control Control Control Control	(feet)	6.35			Point Marked:	Yes	No
Depth to Prod		(feet)	NP		Well Mate			ther:
Length of Wa		(feet)	1.44		Well Diam		2" \ 01	her:
Volume of Wa		(gal)	0.23		Comments	5.		
Three Well V	olumes:	(gal)	0.69		**************************************			
Puraina l	nformation			-				
- uiging i	omaton						Conversion	Factors
Purging Meth	od:	Bailer	Peristaltio	Grund	fos Pump	gal/ft.	1" ID 2" ID	
Tubing/Bailer		Teflon	Stainless St.		lyethylene	gai/it.		
Sampling Met		Bailer			fos Pump	water	0.04 0.16	0.66 1.47
	ping Rate: 2 b	6 (ml/min)				1 gall	on=3.785L=3785r	
Duration of Pu	umping: 3	(min)						
Total Volume	Removed:	(gal)	D	id well go dry?	Yes No	L		
Horiba U-52 V	Vater Quality M	eter Used?	Yes	No	-			
								,
		C3 Aug			TOTAL TOTAL STATE OF THE STATE			
Time	DTW [Temp			Conductivity	Turbidity	DO	TDS II
Time	DTW (feet)	Temp (°C)	рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	I .	Temp (°C)	рН	ORP		(NTU)	(mg/L)	(g/L)
	(feet)	(°C)		ORP (mV)	(mS/cm)	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73,000 0 0,000	
1010	(feet) \$.35 \$.41	(°C) 9.96	pH 8-82 7.27 7.24	ORP (mV)	(mS/cm) 1-01 1-146 1-46	(NTU) 77.0 121 116	(mg/L)	(g/L) 0:62)
1010 1015 1020 1025	(feet) \$.35 \$.41 \$.41	(°C) 996 10,68 10.86 11.11	pH 8-82 7.27 7.24 7.21	ORP (mV) -78 -77 -77 -78	(mS/cm) 1-01 1-46 1-46	(NTU) 77.0 121 116 98.5	(mg/L) 3.82 3.30 5.97 6.65	(g/L) 0:621 6:935 0:935 0:538
1010 1015 1020 1025 1025	(feet) \$.35" \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86	pH 8-82 7.27 7.24 7.21 7.21	ORP (mV) -78 -77 -77 -78 -84	(mS/cm) 1-01 1-46 1-47 1-48	(NTU) 77.0 121 116 98.8 63.2	(mg/L) 3.52 3.50 5.97 6.05 6.54	(g/L) 0.621 6.935 0.935 0.538 6,945
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 996 10,68 10.86 11.11	pH 8-82 7.27 7.24 7.21	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.05 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030	(feet) \$.35" \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51	pH 8-82 7.27 7.24 7.21 7.21	ORP (mV) -78 -77 -77 -78 -84	(mS/cm) 1-01 1-46 1-47 1-48	(NTU) 77.0 121 116 98.8 63.2	(mg/L) 3.52 3.50 5.97 6.05 6.54	(g/L) 0.621 6.935 0.935 0.538 6,945
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.05 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.05 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.05 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.05 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035 1046	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.65 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
1010 1015 1020 1025 1030 1035	(feet) \$.35 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.87	pH 8-82 7.27 7.24 7.21 7.22 7.22	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-46 1-47 1-48 1-48	(NTU) 77.0 121 116 98.8 63.2 48.3	(mg/L) 3.57 3.50 5.97 6.65 6.54 8.16	(g/L) 0:621 6:935 0:935 0:538 6:945 0:546
/0/0 /0/5 /020 /025 /035 /035 1046	(feet) \$.357 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH 8-82 7.27 7.21 7.21 7.22 7.26 7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 121 116 98.8 63.2 48.3 22.4	(mg/L) 3.52 5.97 6.65 6.54 8.16 9.43	(g/L) 0.62) 6.935 0.935 0.538 6.945 0.546 0.541
1010 1015 1020 1025 1030 1035 1046 Sampling Info	(feet) \$.35 \$.41 \$.41 \$.41 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH 8-82 7.27 7.29 7.21 7.22 7.26 1.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 121 116 98.5 63.2 48.3 32.4	(mg/L) 3.52 3.50 5.97 6.05 6.54 8.16 9.43	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010 1015 1020 1025 1030 1035 1046 Sampling Info	(feet) \$.357 \$.41 \$.41 \$.41 \$.41	(°C) 9.96 10.68 10.54 11.11 11.51 11.57 12.06 SVOC PA	pH 8-82 7.27 7.21 7.21 7.22 7.26 7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 12.1 17.6 98.8 63.2 48.3 22.4 2-100 ml ambe 3-40 ml vials	(mg/L) 3.52 5.97 6.05 6.54 8.16 9.43 ers Yes	(g/L) 0.62) 0.935 0.935 0.538 0.945 0.546 0.541
1010 1015 1020 1025 1030 1035 1046 Sampling Info	(feet) 5.35 6.71 5.71 5.71 5.71 5.71 6.71	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06	pH 8-82 7.27 7.21 7.21 7.22 7.26 7.25	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 121 116 98.5 63.2 48.3 32.4	(mg/L) 3.52 5.97 6.05 6.54 8.16 9.43 ers Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010 1015 1020 1025 1030 1035 1046 Sampling Info	(feet) 5.35 6.71 5.71 5.71 5.71 5.71 6.71	(°C) 9.96 10.68 10.86 11.11 11.51 11.57 12.06 SVOC PA	pH 8-82 7.27 7.29 7.21 7.22 7.26 1.25 AH's TEX nide	ORP (mV) -78 -77 -77 -78 -84 -93	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4 2-100 ml ambe 3-40 ml vials 1-250 ml plass	(mg/L) 3.52 5.97 6.05 6.54 8.16 9.43 ers Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
1010 1015 1020 1025 1030 1035 1046 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	(feet) 5.35 6.41 5.41 5.41 5.41 5.41 6.41	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06 SVOC PA VOC's B' Total Cyal	pH 8-82 7.27 7.29 7.21 7.22 7.26 7.25 AH's rex nide	ORP (mV) -78 -77 -77 -78 -84 -93 -96	(mS/cm) 1-01 1-46 1-47 1-48 1-48 1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4 2 - 100 ml ambe 3 - 40 ml vials 1 - 250 ml plass	(mg/L) 3.52 5.97 6.65 6.54 8.16 9.43 ers Yes ic Yes	(g/L) 0.621 6.935 0.935 0.538 6.945 0.546 0.541
Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84	(feet) 5.35 6.77 5.77 5.77 5.77 5.77 5.77 6 Method 8270 6 Method 8260 6 Method 9012 MW-9-0423	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06 SVOC PA VOC's B' Total Cyal	pH 8-82 7.27 7.29 7.21 7.22 7.26 7.25 AH's rex nide	ORP (mV) -78 -77 -77 -78 -89 -93 -96	(mS/cm) 1-01 1-146 1-47 1-48 1-47 1-48 1-47	(NTU) 77.0 12.1 1/6 98.8 63.2 48.3 32.4 2-100 ml ambe 3-40 ml vials 1-250 ml plast	ers Yes ic Yes Ship to Pace	(g/L) 0.62) 0.935 0.935 0.538 0.945 0.546 0.541
1010 1020 1025 1020 1025 1030 1035 1046	(feet) 5.35 6.77 5.77 5.77 5.77 5.77 5.77 6 Method 8270 6 Method 8260 6 Method 9012 MW-9-0423	(°C) 9.96 10.68 10.89 11.11 11.51 11.57 12.06 SVOC PA VOC's B' Total Cyal	pH 8-82 7.27 7.29 7.21 7.22 7.26 7.25 AH's rex nide	ORP (mV) -78 -77 -77 -78 -89 -93 -96	(mS/cm) 1-01 1-146 1-47 1-48 1-47 1-48 1-47	(NTU) 77.0 121 1/6 98.8 63.2 4/8.3 22.4 2 - 100 ml ambe 3 - 40 ml vials 1 - 250 ml plass	ers Yes ic Yes ce Courier Picku	(g/L) 0.62) 0.935 0.935 0.935 0.945 0.546 0.541

Sampling Per	rsonnel:	AT			Date: 4	127/23		
Job Number:	0603324-	136690-221			Weather:	440F,50	inny	
Well Id.	MW-10R				Time In:	0915		1000
Well Int	formation					2		
Donath to Mot		75 0	TOC	Other	Well Type: Well Locke		shmount Yes	Stick-Up
Depth to Wat		(feet)	22.50			eu. Point Marked:	Yes	No No
Depth to Prod		(feet)	NP		Well Mater			ther:
Length of Wa	ter Column:	(feet)	22.40		Well Diam	eter: 1'	' 2" Ot	ther:
Volume of Wa		(gal)	3,58		Comments	:		
Three Well V	olumes:	(gal)	10.7					
Puraina li	nformation							
	Monnation	•					Conversion I	Factors
Purging Meth	od:	Bailer	Peristaltic	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflor	Stainless St.		yethylene	of		
Sampling Met		Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16	
Average Pum		(ml/min)				1 gall	on=3.785L=3785r	nL=1337cu. feet
Duration of Pu		(gal)		oid well go dry?	Yes No			
					resno	~		
Horiba U-52 V	Vater Quality N	leter Used?	Yes	No.				
					We see and a second sec			
Time	DTW	Temn	l nu	I ORP	Conductivity	Turbidity	l no	I TOS II
Time	DTW (feet)	Temp (°C)	рН	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
	DTW (feet)	(°C)	pH /0.2_4	ORP (mV)	(mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
7ime 0925	(feet)		•	(mV)		(NTU) 0.0 0.0	(mg/L) 3.26 4.41	(g/L) 0.305 0.300
0925 0925	(feet) 0.70 0.90	(°C) 10.26 9.98 9.63	10.34	(mV) -9 -31	(mS/cm) 0,469 0,461 0,459	(NTU) 0.0 0.0 0.0	(mg/L) 3.26 4.41 3.47	(g/L) 0.325 0.300 0.298
0925 0925 0930	(feet) 0.70 0.90 1.15	(°C) 10.26 9.98 9.63	10.34 10.35 10.34 10.34	(mV) -9 -31 -63 -66	(mS/cm) 0,469 0,461 0,459 0,464	(NTU) 0.0 0.0 0.0 0.0	(mg/L) 3,2(e) 4,41 3,47 3,17	(g/L) 0.335 0.300 0.298 0.302
0925 0935 0935 0935 0940	(feet) 0.70 0.90 1.15 1.45	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.34 10.32	(mV) -9 -31 -63 -64 -104	(mS/cm) 0,469 0,461 0,459 0,464 6,469	(NTU) O O O O O O O O O O	(mg/L) 3,2(o 4,41 3,47 3,17 3,01	(g/L) 0.325 0.300 0.298 0.302 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0935 0935 0935 0940	(feet) 0.70 0.90 1.15 1.45	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.34 10.32	(mV) -9 -31 -63 -64 -104	(mS/cm) 0,469 0,461 0,459 0,464 6,469	(NTU) O O O O O O O O O O	(mg/L) 3,2(o 4,41 3,47 3,17 3,01	(g/L) 0.325 0.300 0.298 0.302 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.05	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0935 0940 0945 0950	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.325 0.300 0.298 0.302 0.304 0.304
0925 0925 0930 0935 0940	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.32	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 6,469		(mg/L) 3.26 4.41 3.47 3.01 3.01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0940 0945 0950	(feet) 0.70 0.90 1.15 1.45 1.78 2.35 2.30	(°C) 10.26 9.98 9.63 9.54 9.54	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469		(mg/L) 3,2(0 4,41 3,47 3,01 3,01 3,01	(g/L) 0.305 0.300 0.298 0.302 0.304 0.304
0925 0930 0935 0935 0940 0945 0950 Sampling Info	(feet) 0.70 0.90 1.15 1.78 2.30 ormation:	(°C) 10.26 9.98 9.63 9.54 9.57 9.65 9.72	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469	(NTU) O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,06	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0925 0930 0935 0935 0940 0945 0950 Sampling Info	(feet) 0.70 0.90 1.15 1.78 2.05 2.20 ormation:	(°C) 10.26 9.98 9.63 9.54 9.57 9.65 9.72	10.34 10.35 10.34 10.32 10.76 10.21	(mV) -9 -31 -63 -80 -64	(mS/cm) 0,469 0,461 0,459 0,469 0,469 0,469	(NTU) O O O O O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,06 3,06 8 ers Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0930 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	(feet) 0.70 0.90 1.15 1.78 2.05 2.20 ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423	(°C) / 0. 2 (e) 9. 9. 8 9. 6 3 9. 6 3 9. 6 4 9. 5 7 9. 6 5 9. 6 7 9. 7 9. 7 9. 7 9. 7 9. 7 9. 7 9. 7 9.	10.34 10.35 10.32 10.76 10.21	(mV) -9 -31 -86 -104 -111 -113	(mS/cm) 0,469 0,461 0,459 0,469 0,471 0,469	(NTU) O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,01 3,06 ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0925 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 FD-0 Sample ID:	(feet) 0.70 0.90 1.15 1.78 2.05 2.20 ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423 MW-10R-04	(°C) 10.26 9.98 9.63 9.54 9.55 9.65 7.72 SVOC P VOC's E Total Cya	10.34 10.35 10.32 10.32 10.76 10.21 AH's STEX anide	(mV) -9 -31 -63 -86 -104 -113	(mS/cm) 0,469 0,461 0,459 0,469 0,471 0,469	(NTU) O O O O O O O O O O O O O O O	ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.302 0.304 0.305
0930 0935 0935 0935 0940 0945 0950 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	(feet) 0.70 0.90 1.15 1.78 2.05 2.20 ormation: 6 Method 8270 6 Method 8260 6 Method 9012 423 MW-10R-04	(°C) 10.26 9.98 9.63 9.54 9.55 9.65 7.72 SVOC P VOC's E Total Cya	10.34 10.35 10.32 10.32 10.76 10.21 AH's STEX anide	(mV) -9 -31 -86 -104 -111 -113	(mS/cm) 0,469 0,469 0,469 0,471 0,469 Shi	(NTU) O O O O O O O O O O O O O O O	(mg/L) 3,2(e) 4,41 3,47 3,01 3,01 3,01 3,06 ers Yes tic Yes	(g/L) 0.305 0.300 0.298 0.304 0.304 0.305

Sampling Pe	rsonnel: R	tel you			Date: 4/	127/23		
Job Number:		136690-221		752 West 15 - 425 5 - 45	Weather:	Sunny 6	00	
Well Id.	MW-11				Time In:	415	Time Out	t: 9955
Well In	formation	_					5	
			TOC	Other	Well Type		shmount	Stick-Up
Depth to Wat		(feet)	2.95		Well Lock		Yes	No
Depth to Bott		(feet)	6.51		Well Mate	Point Marked: rial: PVC	Yes X	Nother:
Length of Wa		(feet)	3.56		Well Diam			ther:
Volume of W			0.56		Comments			
Three Well V		(gal)	1.2		3	-23/0		
Purging I	nformation	_				r		
							Conversion	
Purging Meth		Baile			fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Sampling Me		Teflor Bailer			yethylene X	of water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)	200	Grand	los r ump		on=3.785L=3785i	
Duration of P		(min)	30				011 017 002 0100	70010011001
Total Volume	The state of the s	(gal)		oid well go dry?	Yes No	X		
Horiba U-52 \	Nater Quality I	Weter Used?	Yes	No		7		
Tioriba o oz i	vator damity i							
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0920	2.99	12.55	6.88	85	1.20	146	1.40	0.770
0925	2.99	12.35	6.71	91	1.21	129	1.13	0.776
0930	2.99	11.95	6.64	92	1.22	118	1.02	0.779
0935	2.99	11.97	6.61	93	1.22	113	0.96	0.779
6990	2.99	11.87	6.61	92	1.22	102	0.96	0.778
0945	2.99	11.46	6.61	92	1.23	93.9	0.92	0.786
0950	2.99	11.36	6.60	01	1.23	///	0.07	0.701
Sampling Inf	ormation:							
EPA SW-84	16 Method 8270	SVOC F	AH's			2 - 100 ml amb	ers Yes	No
EPA SW-84	46 Method 8260	VOC's E	BTEX			3 - 40 ml vials	s Yes	No
EPA SW-84	46 Method 9012	Total Cya	anide			1 - 250 ml plas	tic Yes	No No
		-	P (5		61		0 5: :	
Sample ID:	MW-11-04			Yes No	Shi	pped: Pa	ce Courier Pick	up 🎽 📗
Sample Time:	0950	MS	/MSD?	Yes No X			Ship to Pace	
Comments/No	otes:					Laboratory:	Pace Ana	
vrrmt88-vm3\syra	04) 5 11		=O vlam				Greensbu	irg, PA
urrmty y um 2 cura	cuse-UT\Dashhoa	rg\Planning\9513	ny.xism					

Sampling Pe	ersonnel:	Peles Inso			Date: 4/	27/23		
Job Number:	0603324-	136690-221			Weather:	Suny 60	o ~	
Well Id.	MW-12R					1001		t:
Well In	formation		12					
			тос	Other	Well Type:		shmount	Stick-Up
Depth to Wa		(feet)	6.36		Well Locke		Yes	No
Depth to Bot		(feet)	21.40			Point Marked:	Yes X	No
Depth to Pro		(feet)			Well Mater			ther: ther:
Length of Wa		(feet) (gal)	2.40	Comments			uiei.	
Three Well V		(gal)	7.21		Commonic	•		
THICE VVCII V	Oldinoo.	(901)	/ 14/					
L								
Purging I	Information							
		•					Conversion	Factors
Purging Meth	nod:	Baile	er Peristaltio	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflo			lyethylene	of	Towns a Property Control of the Cont	
Sampling Me		Baile		Grund	fos Pump	water		
Average Pum		(ml/min)	250			1 gal	lon=3.785L=3785	mL=1337cu. feet
Duration of P		(min)	30			33		
Total Volume	Removed:	(gal)		oid well go dry?	Yes No	X		
Horiba U-52 \	Water Quality N	Vleter Used?	Yes	No				
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1005	(feet) 2.38	(°C)	7.41	(mV) -261	(mS/cm) 0-673	(NTU) 1. 9	(mg/L)	(g/L)
1005 p16	(feet) 2.38 8.60	(°C) 12.57 11.7-3	7.41	(mV) -261 -305	(mS/cm) 0.673 0.675	(NTU) 1. 9	(mg/L) 1. 4) 0. 85	(g/L) 0.430 0.431
1005 1016 1015	(feet) 7.38 8.60 9.31	(°C) 12.57 11.73 11.88	7.41 7.42 7.43	(mV) -261 -305 -314	(mS/cm) 0-673 0-675 0-675	(NTU) 1. 9 0. 0	(mg/L) 1.47 0.85 0.78	(g/L) 0.430 0.431 0.432
1005 p16 1015 1020	(feet) 2.38 8.63 9.31 9.91	(°C) 12.57 11.73 11.88 11.71	7.41 7.42 7.43 7.45	(mV) -261 -305 -314 -321	(mS/cm) 0.673 0.675 0.675 0.677	(NTU) 1. 9 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74	(g/L) 0.430 0.431 0.432 0.433
1005 p16 1015 1020 1025	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.58 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 7.46	(mV) -261 -305 -314 -321 -326	(mS/cm) 0.673 0.675 0.675 0.677 0.677	(NTU) 1.9 0.0 0.0	(mg/L) 1.47 0.85 0.78 0.24 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435
1005 1016 1015 1020 1023 1030	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1025	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.58 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 7.46	(mV) -261 -305 -314 -321 -326	(mS/cm) 0.673 0.675 0.675 0.677 0.677	(NTU) 1.9 0.0 0.0	(mg/L) 1.47 0.85 0.78 0.24 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435
1005 1016 1015 1020 1023 1030	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1023	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1023 1030	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1023 1030	(feet) 7.38 8.63 9.31 9.91 16.40	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1023 1030	(feet) 2.38 8.63 9.31 9.91 16.40 10.81 11.26	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1015 1020 1025 1030 1035	(feet) 2.38 8.63 9.31 9.91 16.40 10.81 11.26	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 2.46 2.47	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1016 1015 1020 1025 1030 1035	(feet) 2.38 8.63 9.31 9.91 16.40 10.81 11.26	(°C) 12.57 11.73 11.88 11.71 11.72	7.41 7.42 7.43 7.45 7.46 7.47 2.48	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.677 0.677	(NTU) 1. 9 0.0 0.0 0.0 0.0 0.0 0.0 2-0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.72 0.72 0.72	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435
1005 1015 1020 1025 1030 1035 Sampling Inf	(feet) 2.38 8.63 9.31 9.91 10.81 11.26	(°C) 12.38 11.73 11.88 11.71 11.72 11.77 11.91	7.41 7.43 7.45 2.45 2.47 2.48 PAH's	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.677 0.677	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 2 - 100 ml amb 3 - 40 ml vial	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72 0.72 ers Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No
1005 1015 1020 1025 1030 1035	(feet) 7.38 8.63 9.31 9.91 10.81 11.26 formation:	(°C) 12.38 11.73 11.88 11.71 11.72 11.77 11.91	7.41 7.43 7.45 2.45 2.47 2.48 PAH's	(mV) -261 -305 -314 -321 -326 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.677 0.677 0.677	(NTU) 1. 9 0.0 0.0 0.0 0.0 0.0 0.0 2-0 0.0 0.0	(mg/L) 1.4) 0.85 0.78 0.74 0.72 0.72 0.72 ers Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No
1005 1016 1015 1020 1025 1030 1035	(feet) 2.38 8.63 9.31 9.91 10.81 10.81 11.26 formation: 46 Method 8270 46 Method 8260 46 Method 9012	(°C) 12.57 11.73 11.88 11.72 11.	7.41 7.42 7.43 7.45 7.45 7.47 7.47 7.48	(mV) -261 -305 -314 -321 -326 -328 -330	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679 0.673	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0 1. 0 0. 0 0. 0 0. 0 1. 0 0. 0	(mg/L) 1. 1) 0. 85 0. 78 0. 72 0. 72 0. 72 0. 72 ers Yes stic Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No No No
Sampling Inf EPA SW-8- EPA SW-8- EPA SW-8- Sample ID:	(feet) 7.38 8.63 9.31 9.91 16.40 10.81 11.26 formation: 46 Method 8270 46 Method 8260 46 Method 9012 MW-12R-0	(°C) 12.37 11.73 11.88 11.71 11.72 11.77 11.91 SVOC II VOC'S ITotal Cy	7.41 7.43 7.45 2.45 2.47 7.48 PAH's BTEX vanide	(mV) -261 -305 -314 -321 -326 -328 -328	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679 0.673	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0 1. 0 0. 0 0. 0 0. 0 1. 0 0. 0	ers Yes stic Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 No No No
1005 1016 1015 1020 1025 1030 1035	(feet) 7.38 8.63 9.31 9.91 10.81 10.81 11.26 formation: 46 Method 8270 46 Method 8260 46 Method 9012 MW-12R-0	(°C) 12.37 11.73 11.88 11.71 11.72 11.77 11.91 SVOC II VOC'S ITotal Cy	7.41 7.43 7.45 7.45 7.46 7.47 7.48 PAH's BTEX ranide aplicate?	(mV) -261 -305 -314 -321 -326 -328 -330	(mS/cm) 0.673 0.675 0.675 0.677 0.678 0.679 0.673	(NTU) 1. 9 0. 0 0. 0 0. 0 0. 0 0. 0 1. 0 0. 0 0. 0 0. 0 1. 0 0. 0	(mg/L) 1. 1) 0. 85 0. 78 0. 72 0. 72 0. 72 0. 72 ers Yes stic Yes	(g/L) 0.430 0.431 0.432 0.433 0.435 0.435 0.435 0.435 0.435

	4
Sampling Personnel:	Date: 4/27/27
Job Number: 0603324-136690-221	Weather: Sury 46
Well Id. MW-14R	Time In: 09:40 Time Out:09:55
W. II. C	
Well Information TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet)	Well Locked: Yes No
Depth to Bottom: (feet) 50.80	Measuring Point Marked: Yes No No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 50 9h Volume of Water in Well: (gal) 5.72	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 3.72 Three Well Volumes: (gal) 27-39	Comments.
Tillee voil voidilles.	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfo	
	ethylene gal/ft. 1" ID 2" ID 4" ID 6" ID of
7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	os Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 30	
Total Volume Removed: (gal) 2 Did well go dry?	Yes No
Horiba U-52 Water Quality Meter Used?	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
09:20 0:00 13:52 7-56 -121	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.39
09:28 0.00 13.52 7.56 -121	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.66 0.41
09:20 0:00 13:52 7-56 -121 09:28 0:00 1:91 7:14 -149 09:30 0:00 12:01 7:00 -167	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-651 0-0 0.66 0.41
09:20 0:00 13:52 7-56 -121 09:28 0:00 1:91 7:14 -149 09:30 0:00 12:01 7:00 -167	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.66 0.411 0-655 0-0 0.68 0.419
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-08 -167 09:35 0.60 12.12 7-04 -183	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-06 -167 19:35 0.00 12.12 7-04 -183 09:40 0.00 12.10 7-07 -209	(mS/cm) (NTU) (mg/L) (g/L) 0.612 0.0 2.06 0.395 0.652 0.0 0.65 0.419 0.655 0.0 0.65 0.419 0.657 0.0 0.65 0.419
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.10 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.10 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.10 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.10 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-00 -167 09:35 0.00 12.12 7-04 -183 09:45 0.00 12.10 7-07 -209 09:45 0.00 12.16 7-08 -229	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 10.91 7.14 -149 09:30 0.00 12.01 7.09 -167 09:35 0.60 12.12 7.04 -183 09:40 0.00 12.10 7.07 -2.09 09:45 0.00 12.16 7.08 -229 09:45 0.00 12.16 7.11 2.37	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-0 2-06 0.395 0-652 0-0 0.65 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0-41 0-420 0-656 0-0 0.96 0-420
CG:20 0.00 13.52 7-56 -121 09:28 0.00 1.91 7.14 -149 09:30 0.00 12.01 7.06 -167 19:35 0.60 12.12 7.04 -183 19:40 0.63 12.10 7.07 -209 09:45 0.00 12.16 7.08 -229 09:50 0.00 12.16 7.11 237	(mS/cm) (NTU) (mg/L) (g/L) 0-612 0-1) 2-06 0.395 0-652 0-0 0.69 0.419 0.655 0-0 0.65 0.419 0.657 0-0 0.65 0.41 0.657 0-0 0.96 0.420 0.656 0.0 1.06 0.420 0.656 0.0 1.06 0.420
CG:20 0.00 13.52 7-56 - 21 09:28 0-00 10.91 7-19 - 99 09:30 0.00 12.01 7-09 - 67 10.7	(mS/cm) (NTU) (mg/L) (g/L) 0.612 0.0 2.06 0.395 0.652 0.0 0.65 0.419 0.655 0.0 0.65 0.419 0.654 0.0 0.96 0.420 0.656 0.0 1.05 0.420 0.656 0.0 1.05 0.420
CG:20 0.00 13.32 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-30 -167 29:35 0.60 12.12 7-37 -167 10:40 0.00 12.10 7-37 -209 09:45 0.00 12.16 7-37 -229 09:60 0.00 12.16 7-11 2.37 EPA SW-846 Method 8270 SVOC PAH's 2.37 2.37 EPA SW-846 Method 8260 VOC's BTEX 2.00 2.00 2.00 EPA SW-846 Method 9012 Total Cyanide 7.00 7.00 7.00	(mS/cm) (NTU) (mg/L) (g/L) 0-6/2 0-0 2-06 0.395 0-657 0-0 0.69 0.419 0-655 0-0 0.65 0.419 0-657 0-0 0.65 0.419 0-657 0-0 0.65 0.419 0-657 0-0 0.65 0.419 0-657 0-0 0.420 0-650 0.0 0.96 0.420 0-650 0.0 0.96 0.420 0-650 0.0 0.96 0.420 0-650 0.0 0.96 0.420 0-650 0.0 0.96 0.420 0-650 0.0 0.96 0.420
CG:20 0.00 13.32 7-56 -121 09:28 0.00 10.91 7-14 -149 09:30 0.00 12.01 7-30 -167 29:35 0.60 12.12 7-37 -167 10:40 0.00 12.10 7-37 -209 09:45 0.00 12.16 7.36 -229 09:50 0.00 12.16 7.11 2.37 EPA SW-846 Method 8270 SVOC PAH's 2.34 2.34 EPA SW-846 Method 8260 VOC's BTEX 2.00 2.00 2.00 EPA SW-846 Method 9012 Total Cyanide 7.00 7.00 7.00 7.00	(mS/cm) (NTU) (mg/L) (g/L) 0-6/2 0-0 2-06 0.395 0-652 0-0 0.69 0.419 0-653 0-0 0.65 0.419 0-654 0-0 0.96 0.420 0-656 0-0 0.96 0.420 0-656 0-0 1-03 0.420 0-650 0-0 1-03 0.420 1-250 ml plastic Yes No

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National Grid King Street Non-Owned Former MGP Site Ogdensburg, New York Date: Sampling Personnel: Weather: 0603324-136690-221 Job Number: Time Out: Time In: 12:0 MW-15 Well Id. Well Information Flushmount Stick-Up Other Well Type: TOC 39 Well Locked: Yes (feet) Depth to Water: Measuring Point Marked: Yes 9.04 No (feet) Depth to Bottom: PVC X SS Other: Well Material: (feet) Depth to Product: Other: Well Diameter: Length of Water Column: (feet) Comments: Volume of Water in Well: (gal) Three Well Volumes: (gal) **Purging Information** Conversion Factors 6" ID Grundfos Pump 1" ID 2" ID 4" ID Peristaltic Bailer gal/ft. Purging Method: Tubing/Bailer Material: Teflon Stainless St Polyethylene of Peristaltic Grundfos Pump water 0.04 0.16 0.66 1.47 Sampling Method: Bailer 00 1 gallon=3.785L=3785mL=1337cu. feet Average Pumping Rate: (ml/min) **Duration of Pumping:** (min) No Did well go dry? Yes Total Volume Removed: (gal) Yes No Horiba U-52 Water Quality Meter Used? ORP Conductivity Turbidity DO TDS pH Time DTW Temp (mS/cm) (NTU) (mg/L) (g/L)(mV) (feet) (°C) 9.4 84 30 10 267 0-904 2.86 85 1400 6.52 340 .56 14,27 8:02 38 0.829 38 14.47 8.30 4.78 (p-57 35 0.840 70.0 5.06 10-40 Sampling Information: 2 - 100 ml ambers SVOC PAH's EPA SW-846 Method 8270 3 - 40 ml vials VOC's BTEX EPA SW-846 Method 8260 1 - 250 ml plastic EPA SW-846 Method 9012 Total Cyanide Shipped: Pace Courier Pickup MW-15-0423 Duplicate? Sample ID: MS/MSD? Ship to Pace Sample Time: Laboratory: Pace Analytical Comments/Notes: Greensburg, PA

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Ogdensburg, New York	
Sampling Personnel:	Date: 4 27 7>
Job Number: 0603324-136690-221	Weather: PC 50
Well Id. MW-15RS	Time In: 10:55 Time Out: 12:05
Well Information	W 11.7
Depth to Water: (feet) 7.91	Well Type: Flushmount Stick-Up Well Locked: Yes No
Depth to Bottom: (feet) 23.65	Measuring Point Marked: Yes No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 1.3.7.4	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 0 54 Three Well Volumes: (gal) 1 64	Comments.
Times view voidines.	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundi	fos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
	yethylene of
	fos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min) 2 © Duration of Pumping: (min) 3 ©	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 3 Did well go dry?	Yes No
Horiba U-52 Water Quality Meter Used?	
Tioniba e de vitalei quanty metal ecca.	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
11-30 1 15.82 6.28 -115	0.742 4.8 5.16 6.725
11:40 15.47 6.85 -2.83	1-25 3-5 0.85 0.88
11:45 15.07 10.83 .300	1-23 2-4 1-26 0.795
11:80 14.86 6.80 .308	1-76 1-8 0.89 0.805
11:55 19.64 6.78 -317	1-26 4.5 2-96 0.807
12.00 13.30 1.31	
<u> </u>	
Sampling Information:	
EPA SW-846 Method 8270 SVOC PAH's EPA SW-846 Method 8260 VOC's BTEX	2 - 100 ml ambers Yes No No No No
EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide	1 - 250 ml plastic Yes No
Sample ID: MW-15RS-0423 Duplicate? Yes No	Shipped: Pace Courier Pickup
Sample Time: 12 7 60 MS/MSD? Yes No	Ship to Pace
Comments/Notes:	Laboratory: Pace Analytical
	Greensburg, PA

Sampling Personnel:	AJ			Date: 4)	47/13		
Job Number: 0603324-	136690-221			Weather:	52°F,	eartly clos	rdy
Well id. MW-17R				Time In:	1150	Time Out:	. 1
Well Information	_		0.11	\A/ !! T			
Don'th to Mator	/fact)	TOC 6.59	Other	Well Type: Well Locke		shmount Yes	Stick-Up No
Depth to Water: Depth to Bottom:	(feet)	26.90			Point Marked:	Yes	No
Depth to Product:	(feet)	NP		Well Mater			ner:
Length of Water Column:	(feet)	20.31		Well Diame		2" X Oth	ner:
Volume of Water in Well:	(gal)	324		Comments	:		
Three Well Volumes:	(gal)	9.74					
Purging Information			- U-olo				
. s.g.iig internation	-			<u> </u>		Conversion F	actors
Purging Method:	Bailer	Peristaltic	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflon	Stainless St.		yethylene	of		
Sampling Method:	Bailer	Peristaltic	Grund	fos Pump	water	0.04 0.16	
Average Pumping Rate: 2					1 gall	on=3.785L=3785n	nL=1337cu. feet
Duration of Pumping: Total Volume Removed:	30 (min) 2-5 (gal)		id well go dry?	Yes No	V		
			553 553				
Lloriba II EQ Motor Quality	Motor Hood'	Voc	1 Y I NIA				- 1
Horiba U-52 Water Quality	Meter Used?	Yes	No.				
				Conductivity I	Turbidity	DO	TDS []
Time DTW	Temp	PH Yes	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
	Temp (°C)		ORP (mV).		(NTU)		
Time DTW (feet) //33 7,51 /206 8.25	Temp (°C) /6,54	pH 7.67 7.59	ORP (mV) ~130 ~98	(mS/cm) 0829 0892	(NTU) 0.0	(mg/L) 2.67 2.60	(g/L) 0-527 0,571
Time DTW (feet) //35 7.51 /206 8.25 /205 8.46	Temp (°C) /6.54 9.95	pH 7.67 7.59 7.50	ORP (mV). ~130 ~98 ~117	(mS/cm) 0.829 0.892 0.887	(NTU) 0.0 0.2	(mg/L) 2.67 2.60 2.69	(g/L) 0-527 0:571 0:568
Time DTW (feet) 1/35 7.51 1206 8.25 1205 8.46 1210 8.89	Temp (°C) /6,54 9,95 9,457 9,59	pH 7.67 7.59	ORP (mV) ~136 ~98 ~117 ~129	(mS/cm) 0.829 0.892 0.687 0.889	(NTU) Ø:0 0:2 0:0	(mg/L) 2.67 2.60 1.69 2.72	(g/L) 0-527 0.571 0.568 0.569
Time DTW (feet) 1/33 7,51 1/206 8.25 1/205 8.46 1/210 8.89 1/215 9.06	Temp (°C) /6.54 9.95 9.47 9.59 9.59	pH 7.67 7.59 7.50 7.48	ORP (mV). -130 -98 -117 -129 -135	(mS/cm) 0.825 0.852 0.857 0.855 0.894	(NTU) 0:0 0:2 0:0 0-0	(mg/L) 2.67 2.60 1.69 2.72 2,68	(g/L) 0-527 0.571 0.568 0.569 0.572
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6,54 9,95 9,67 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0.571 0.568 0.569
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6.54 9.95 9.47 9.59 9.59	pH 7.67 7.59 7.50 7.48	ORP (mV). -130 -98 -117 -129 -135	(mS/cm) 0.825 0.852 0.857 0.855 0.894	(NTU) 0:0 0:2 0:0 0-0	(mg/L) 2.67 2.60 1.69 2.72 2,68	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6,54 9,95 9,67 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6,54 9,95 9,67 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6,54 9,95 9,67 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) (J)3 7.51 J206 8.25 J205 8.46 J210 J89 J215 9.06 J220 9.20 J225 9.21	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) 1/33 7.51 1206 8.25 1205 8.46 1210 8.89 1215 9.06 1220 9.20	Temp (°C) /6,54 9,95 9,47 9,59 9,75 9,78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.892 0.857 0.859 0.869	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2,68 2,60	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) //33 7.51 /206 8.25 /205 8.46 /210 889 /215 9.06 /220 9.20 /225 9.21	Temp (°C) /6.54 9.95 9.47 9.59 9.75 9.78	pH 7.67 7.59 7.50 7.48 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.872 0.887 0.889 0.894 0.890	(NTU) Ø: O Ø: 2 Ø: O Ø: O Ø: O	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58	(g/L) 0-527 0-571 0-568 0-569 0-572 0-572
Time DTW (feet) //33 7,51 /206 8.25 /205 8.46 /210 8.89 /210 9.89 /220 9.20 /225 9.21 Sampling Information:	Temp (°C) /6.54 9.95 9.67 9.59 9.75 9.98 /0.09	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.872 0.887 0.889 0.894 0.890	(NTU) 0:0 0:2 0:0 0:0 0:0 0:0 0:5	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570
Time DTW (feet) //33 7,51 /206 8.25 /205 8.49 /210 /289 /215 9.09 /220 /220 /225 9.21 Sampling Information: EPA SW-846 Method 8270	Temp (°C) /6.54 9.95 9.67 9.59 9.75 9.78 9.98 /0.05	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49	ORP (mV) -136 -98 -117 -129 -135 -139	(mS/cm) 0.829 0.872 0.887 0.889 0.894 0.890	(NTU) 0:0 0:2 0:0 0:0 0:1 0:5	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570
Time DTW (feet) //33 7,51 /206 8.25 /206 8.25 /206 8.25 /206 8.25 /207 9.20 /208 9.20 /208 9.21 Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 9012	Temp (°C) 16.54 9.95 9.47 9.59 9.75 9.98 10.09 SVOC P. VOC's B	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49 AH's TEX nide	ORP (mV). ~130 ~98 ~117 ~129 ~135 ~139 ~141	(mS/cm) 0.829 0.897 0.889 0.894 0.890	(NTU) 0:0 0:2 0:0 0:0 0:0 0:0 0:0 0:	(mg/L) 2.67 2.60 1.69 2.72 2.68 2.60 2.58 ers Yes s Yes tic Yes	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570
Time DTW (feet) //33 7.5] /206 8.25 /207 8.49 /210 8.89 /210 9.20 /220 9.21 Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 9012 Sample ID: MW-17R-0	Temp (°C) /6.54 9.95 9.67 9.59 9.78 9.78 9.98 / 0.05 SVOC P/ VOC's B Total Cya	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49 7.49 TEX nide	ORP (mV). -136 -98 -117 -129 -135 -139 -141	(mS/cm) 0.829 0.897 0.889 0.894 0.890	(NTU) 0:0 0:2 0:0 0:0 0:0 0:0 0:0 0:	ers Yes tic Yes	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570
Time DTW (feet) //33 7.5] /206 8.25 /207 8.46 /210 8.89 /210 9.20 /220 9.21 Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 9012 Sample ID: MW-17R-0 Sample Time: /23	Temp (°C) /6.54 9.95 9.67 9.59 9.78 9.78 9.98 / 0.05 SVOC P/ VOC's B Total Cya	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49 7.49 TEX nide	ORP (mV). ~130 ~98 ~117 ~129 ~135 ~139 ~141	(mS/cm) 0.825 0.852 0.857 0.857 0.859 0.890	(NTU) (N	ers Yes tic Yes Ship to Pace	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570
Time DTW (feet) //33 7.5] /206 8.25 /207 8.49 /210 8.89 /210 9.20 /220 9.21 Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 9012 Sample ID: MW-17R-0	Temp (°C) /6.54 9.95 9.67 9.59 9.78 9.78 9.98 / 0.05 SVOC P/ VOC's B Total Cya	pH 7.67 7.59 7.50 7.48 7.49 7.49 7.49 7.49 TEX nide	ORP (mV). -136 -98 -117 -129 -135 -139 -141	(mS/cm) 0.825 0.852 0.857 0.857 0.859 0.890	(NTU) 0:0 0:2 0:0 0:0 0:0 0:0 0:0 0:	ers Yes tic Yes	(g/L) 0-527 0.571 0.568 0.572 0.572 0.572 0.570

Sampling Personnel:	Date: 4/21/23
Job Number: 0603324-136690-221	Weather: 50
Well Id. MW-19R	Time In: 10: 45 Time Out: //: 25
Well Information TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet) 2.09	Well Locked: Yes No
Depth to Bottom: (feet) 38.05	Measuring Point Marked: Yes No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 35.47 Volume of Water in Well: (gal) 5.75	Well Diameter: 1" 2" Other:
Three Well Volumes: (gal) 17-26	Comments.
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos	
	hylene of
Sampling Method: Bailer Peristaltic Grundfos	Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) Total Volume Removed: (gal) Did well go dry?	Yes
Horiba U-52 Water Quality Meter Used? Yes No	100
Tioriba 0-32 Water Quality Weter Osed:	
Time DTW Temp pH ORP C	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
10:50 2.97 13.36 7.31 -92 (0.611 79 2-57 0.395
10:55 4.43' 12:47 7.28 -107	0-628 3.4 1.61 0.402
1/200 7-27 12-43 7-25 -104 0	0-626 3.7 1.6 0.402
11:00 7-27 12-43 7-25 -104 0	0.628 2-5 0-43 0-402 0-621 3-1 0-58 0-398 2-620 2-6 0.52 0-396
11:00 7-27 12.43 7-25 -104 0 11:05 8.65 12.45 7-27 -109 0 11:10 9:90 12-46 7-24 -103 0 11:15 11=72 12-83 7-21 -100 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
11:00 7-27 12-43 7-25 -104 0 11:05 8.65 12-45 7-27 -109 0 11:10 9:90 12-46 7-29 -103 0	0.628 2.4 0.43 0.402 0.621 3.1 0.58 0.398 2.620 2.4 0.52 0.396
11:00 7-27 12.43 7-25 -104 0 11:05 8.65 12.45 7-27 -109 0 11:10 9:90 12-46 7-24 -103 0 11:15 11=72 12-83 7-21 -100 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
11:00 7-27 12.43 7-25 -104 0 11:05 8.65 12.45 7-27 -109 0 11:10 9:90 12-46 7-24 -103 0 11:15 11=72 12-83 7-21 -100 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
11:00 7-27 12.43 7-25 -104 0 11:05 8.65 12.45 7-27 -109 0 11:10 9:90 12-46 7-24 -103 0 11:15 11=72 12-83 7-21 -100 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
1/200 7-27 12-43 7-25 -104 (11-105 8-65 12-45 7-24 -109 (11-10 9-90 12-46 7-24 -103 (11-10 13-36 12-6] 7-20 -94 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
11:00 7-27 12.43 7-25 -104 0 11:05 8.65 12.45 7-27 -109 0 11:10 9:90 12-46 7-24 -103 0 11:15 11=72 12-83 7-21 -100 0	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
	0.628 Q. 4 0.402 0.621 3.1 0.58 0.398 0.620 Q. 4 0.52 0.396 0.618 4.2 0.53 0.396 0.617 1.9 0.51 0.395
	0.628 2-5 0.43 0.402 0.621 3-1 0.58 0.398 0.620 2.4 0.52 0.396 0.618 4.2 0.53 0.396
1/2	2-100 ml ambers Yes No
Sampling Information: Sampling Information: SVOC PAH's FPA SW-846 Method 8270 SVOC PAH's EPA SW-846 Method 9012 Total Cyanide Total Cyanide	2 - 100 ml ambers Yes No No 1 - 250 ml plastic Yes No No
1	2-100 ml ambers Yes No
Sampling Information: SVOC PAH's EPA SW-846 Method 8260 VOC's BTEX EPA SW-846 Method 9012 Total Cyanide Sample ID: MW-19R-0423 Duplicate? Yes No No No No	2 - 100 ml ambers Yes No No 1 - 250 ml plastic Yes No No Shipped: Pace Courier Pickup

 $\verb|\svrrmt88-vm3\rangle| syracuse-01\Dashboard\Planning\951359.xlsm|$

Sampling Personnel:	Date: 4/27/23
Job Number: 0603324-136690-221	Weather: Smy 47
Well Id. MW-20R	Time In: 09.55 Time Out:
Well Information	
TOC Other	Well Type: Flushmount Stick-Up Well Locked: Yes No
Depth to Water: (feet) 0.13 Depth to Bottom: (feet) 28.40	Measuring Point Marked: Yes No
Depth to Bottom: (feet) 28.40 Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 29.27	Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal) 4-57	Comments:
Three Well Volumes: (gal) 13'59	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grundf	gal/ft. 1" ID 2" ID 4" ID 6" ID
, arging memori	ethylene of
	water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min)	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 32	
Total Volume Removed: (gal) Z Did well go dry?	Yes No No
Horiba U-52 Water Quality Meter Used? Yes No	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L) 0-665 4.8 1-75 0-429
000 1023 13.00 7-14 -1780	0.665 4.8 1-75 0.428
10:09 3.40 11.72 7.00 -169	0.679 0-9 0-58 0.435
10:15 6:90 1:76 7:07 -163	0.679 1-7 0.55 0.435
11:20 8-19 11.82 7.01 -160	0.677 4.8 0.47 0.432
13:24 9.01 11.93 7.01 -157	0.676 4.6 0.47 0.433
10:30 9.65 12-08 7.01-154	0-678 1-7 0-42 0.434
Sampling Information:	
Camping mornates.	
EPA SW-846 Method 8270 SVOC PAH's	2 - 100 ml ambers Yes No
EPA SW-846 Method 8260 VOC's BTEX	3 - 40 ml vials Yes No
EPA SW-846 Method 9012 Total Cyanide	1 - 250 ml plastic Yes No
Durkerton Variation	Shipped: Pace Courier Pickup
Sample ID: MW-20R-0423 Duplicate? Yes No Sample Time: MS/MSD? Yes No	Shipped: Pace Courier Pickup Ship to Pace
Sample Time: MS/MSD? Yes No	
Comments/Notes:	Laboratory: Pace Analytical Greensburg, PA



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

	ection A equired Client Information:	Section B			Section																			
	impany: GES - Syracuse	Required Project Information: Report To: Devin Shay (GES)			Invoice Inf	formation:													21		Pa	ge:	1 of 1	
Ad	dress: 6780 Northern Blvd, Suite 100	dshay@gesonline.com						mail at ges-in			com					STE			E CLU	A T.O.				
L		Report To: Tim Beaumont (GE tbeaumont@gesonline.com	S)		Company	Name: Gro	undwater &	nvironmenta	l Services,	Inc.				\dashv				ASSESSMENT OF THE PARTY OF THE	-	LATO	RY AG	NCY		
	st Syracuse, New York 13057				Address: 6	780 Norther	n Blvd, Suite	100, East S	yracuse, N	Y 13057	,	-		-		IPDES		N DNU	ATER		RINKING	WATER		
	nail To: dshay@gesonline.com	Purchase Order No.:			Pace Quot	te Reference):		-					_		JST	RCR	A			THER_			
×40		Project Name: National Grid - C King Street Ogdensburg, NY	Ogdensb	irg	Pace Proje	ect Manager.	: Rachel Chr	istner									SITE		GA		L [Г	1	
Re	quested Due Date/TAT: Standard	Project Number: 0603324-136690-221-1106		-	Pace Profil	le #:		Semi-	Annua	CW					LO	OITAC	1		ЭН	. [ic F	л Г	HER	
	Costing D	Valid Matrix Codes	1					-	Aimua	GVV	3				Filtere	I (Y/N)				Τ,	1//	11	777	7
	SAMPLE ID	MATRIX CODE				COL	LECTED			1		Pres	ervative	s	Reques	ted			-/	1	11	///	///	-
-	One Character per box. (A-Z, 0-9 /,-) Samples	CENTRAL MATTER LEV UNDERSON MET VALUET VALUET VALU	1	C=COMP					2	1					Analys	is:		1	/	//	//	///		
-	IDS MUST BE UNIQUE	THE UP ARE ARE OTHER OT NAME TO		= C=	COMPOSITES	ART	GEAB		CTO						1			/	//	//	///	///	//	
		TAILE TO	CODE	G+GRAB			-	T	- Source	NERS					1				//		///	///	/	
			MATRIX CODE						SAMPLE TEMP AT COLLECTION	CONTAINERS								//	///	//	///	///		
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				SAMPLE TYPE					AMPLE	1 "					1		//	A 8	1	//	///			
TEM #				SAN					9		Ned						1 3/ 3		//	//	///	/		
E				-	DATE	TIME	DATE	TIME		1	Inprese	NO3	A POH	ethanol					//,	//	//		Pace Proje	ct
1	MW-2(R)-042	3	WT	G				1/20	,	<u> </u>	171	+++	1-1-	W O	-	15		1/	44	11	/_	7.5	Numb Lab I.	
2	MW-5R(R)-04	23	WT	G				12:00		6	2	3	1	++		3	2 1	4	-	\sqcup]
3	MW-8R-0423	3	WT	G				11:39		6	2	3	11	++	-		2 1	+	Н	\sqcup	_]
4	MW-8R-MS-04	23	WT	G				11.55		6	2	3	1	$+\!\!+\!\!-$	-	3	2 1		Ц.	\sqcup	\perp			
5	MW-8R-MSD-04	123	WT	G				11:35		6	2	3	++	++	_	3	2 1	+	4	Ш				
6	MW-9-0423		WT	G				10:48	-	6	2	3	1	++	 	3	2 1	\perp	1	Ц				
7	MW-10R-042	3		G				0955		6	+-	3	11	H	<u> </u>	3	2 1	\perp		Ц				
8	MW-11-0423			G				09:50		6	2	3	1	++		3	2 1	$\perp \downarrow$	\perp	Ц				
9	MW-12R-0423	3		G				10.35	\vdash	6	2	3	1	++		3	2 1	$\perp \downarrow$	\perp	Ш			5000	2
10	MW-14R-0423	3		G				1999		6	2	3		H		3	2 1	$\perp \downarrow$		Ш				
11				G				12.40	-	6	2	3		$\vdash\vdash\vdash$		3	2 1	$\perp \mid$						
12				G						6	2	3		H		3	2 1	\perp						
13	MW-17R-0423			G				12:00		6	2	3	1	+		3	2 1	Ш						
14	MW-19R-0423			G						6	2	3	1	Ш		3	2 1							
15	MW-20R-0423			G				11:20		6	2	3	1			3	2 1	Ш						
16	FD-0423			- 10						6	2	3	1			3	2 1			T	T			
17	Trip Blanks		-	G G		200		620	-	6	2	3	1	Ш		3	2 1							
Additi	ional Comments:		-	_	IED BY / AF	ELIZION				2		3				3		П		T	1			
SAM	PLES WILL ARRIVE IN #	COOLERS.	1	- 0				DATE	TIME	ACCEF	TED BY						DATE	TIE	1E :	SAMI	PLE CO	NDITIO	vs	
	, , , , , , , , , , , , , , , , , , , ,	COOLERS.	40	(Paris	ing	her,	655	1/47/43	1525	-	1/	2)	2	-	_		1/27	15	-		N.	Z.	N.	
Pleas	se send reports to: dshay@gesonline.com, tbe			-	0			/											40		N.	N.	X X	
	egion@gesonline.com. ges@equisonline.co																		\dashv		× ×	N.	N/Y	
	Same and Asia Confidenciason ine co	11			-							velikeros silv							\dashv		N/A	Y.N.	Y N/	
SPEC	CIFIC EDD NAME:				S/	INTERIOR - COL	MOLEO.	SIGNATURE												()	5	-		
1	Ogdensburg-labnumber.28351.EQEDD.zi	n			- 1	NATURE of SAL	17 1000	909										-		Temp in °C	eived o	Custody aled Cooler	s Intact	
	- 3	e ·			L	12	سين	6.1	e de la companya della companya della companya de la companya della companya dell			D	ATE Signo	(MM/DD	1223					Tem	Recei	Cus	Samples	

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-2(R)	Yes	. 2"	293		6.35	
MW-5R(R)	Yes	2"	2.22		24.30	
MW-8R	Yes	2"	2.05		20.92	MS/MSD
MW-9	Yes	2"	4.97		6.35	
MW-10R	Yes	2"	0.15		22.50	Field Duplicate
MW-11	Yes	2"	3.42	<u></u> .	6.51	
MW-12R	Yes	2"	8.37		21.40	
MW-14R	Yes	2"	0.00		50.80	
MW-15	Yes	2"	7.57		9.04	
MW-15RS	Yes	1"	7.78		23.65	
MW-17R	Yes	2"	6.15		26.90	
MW-19R	Yes	2"	4.33		38.05	
MW-20R	Yes	2"	0-00		28.40	

DTW -depth to water

DTP -depth to product

DTB -depth to bottom

		(Ea.	c +-		Date:	10/18/2	ζ	
Sampling Person		6, ERn.	<u> </u>			0/10/2	50	
Job Number:	0603400-13	6690-221			Weather:	Cloudy		/5
Well Id. M	W-2(R)	<u> </u>			Time In:	1220	Time Out:	1305
Well Inform	nation		тос	Other	Well Type:	Flus	₩-	Stick-Up
Depth to Water:		(feet)	2.93		Well Locke		Yes	No
Depth to Bottom:		(feet)	6.35		Measuring P	P.	Yes	No
Depth to Product	t:	(feet)	NP		Well Materi		SSOth	i
Length of Water	Column:	(feet)	3,42		Well Diame		2"_Oth	ier:
Volume of Water	r in Well:	(gal)	0,55		Comments:			
Three Well Volum	mes:	(gal)	1,64					
								
Purging Info	rmation	· .	<u> </u>	- 				
				N ~	as Burs	<u> </u>	Conversion F	actors 4" ID 6" ID
Purging Method:		Bailer		 4	os Pump	gal/ft.	1 15 2 15	
Tubing/Bailer Ma		Teflor		k	vethylene	of water	0.04 0.16	0.66 1.47
Sampling Metho		Bailer		Grund	os Pump		on=3.785L=3785n	
Average Pumpin		(ml/min)	200			gain	JII=3.765L=3765II	IL-1337 Cd. IGEL
Duration of Pum		(min)	<u> 30 </u> _		v KZ]v[-		
Total Volume Re	emoved:	(gal)		oid well go dry?	Yes No			
Horiba U-52 Wa	ter Quality M	eter Used?	Yes	No 🗌			***	
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
								1 1
	1	= = = = = = = = = = = = = = = = = = =	'	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1226	(feet)	(°C)		(mV) -329	(mS/cm)		(mg/L)	(g/L) 0.409
1225	(feet) 3,49	= = = = = = = = = = = = = = = = = = =	7,52	-329	0,654	(NTU) 30,2 19.7	(mg/L) 0,27 0,07	
1225	(feet) 3,49 4,34	= = = = = = = = = = = = = = = = = = =	7,52	-329 -327	0,654		0.27	0.409
1225	(feet) 3,49 4,34 5,62	= = = = = = = = = = = = = = = = = = =	7,52 7,56 7.72	-329 -327 -331	0,654	30,Z 19.7	0,27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	= = = = = = = = = = = = = = = = = = =	7,52 7,56 7.72	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1235 1235 1235 1245 1250 1255	(feet) 3,49 4,34 5,62 6,30 0A	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1225	(feet) 3,49 4,34 5,62 6,30 0A	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7.72 8.19	-329 -327 -331	0,654	30,Z 19.7	0.27	0.409
1235 1235 1235 1245 1250 1255	(feet) 3,49 4,34 5,62 6,30 00	(°C) /6.25 /6.44 /6.52 /6.6/	7,52 7,56 7,72 8,19 12:42	-329 -327 -331	0,654	30,Z 19.7	0.27 0.07 0.20 0.55	0.409
1225 1230 1235 1240 1245 1250 1255 1250 1255 1250 1255 1250 1250 	(feet) 3 49 4.3 4 5, 62 6.30 00 mation:	(°C) /6.25 /6.44 /6.52 /6.6/ red @	7,52 7,56 7,72 8,19 12:42	-329 -327 -331	0,654	30,2 19.7 8.8 11,3	0,27 0,07 0,20 0,5-5	0, 409 0,325 0,293 0,277
1225 1230 1235 1240 1245 1250 1255 1250 1255 1250 1250 	(feet) 3,4/9 4,3/4 5,62 6,30 0/4 mation: Method 8270 Method 8260	(°C) /6.25 /6.44 /6.52 /6.6/ /ed @ SVOC VOC's	7,52 7,56 7,72 8,19 12:42 PAH's	-329 -327 -331	0,654	30,2 19,7 8,8 11,3	0,27 0,07 0,20 0,5-5-	0, 409 0,325 0,293 0,277
1225 1230 1235 1240 1245 1250 1250 	(feet) 3 49 4.34 5,62 6.30 00 mation: Method 8270 Method 8260 Method 9012	(°C) /6.25 /6.44 /6.52 /6.6/ /eel @ SVOC VOC'S Total C	7,52 7,56 7,72 8,/9 /2:42 PAH's BTEX yanide	-329 -327 -33/ -3//	0,654 0,501 0,451 0,428	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	0,27 0,07 0,20 0,5-5-	0, 409 0,325 0,293 0,277
1225 1230 1235 1240 1245 1250 1250 1255 1255 1255 1256 1256 	(feet) 3,49 4,34 5,62 6,30 0A mation: Method 8270 Method 8260 Method 9012 MW-2(R)-1	(°C) /6.25 /6.44 /6.52 /6.6/ /eel @ SVOC VOC'S Total C	7,52 7,56 7,72 8,19 12:42 PAH's BTEX yanide	-329 -327 -33/ -3//	0,654 0,501 0,451 0,428	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	ors Yes	0, 409 0,325 0,293 0,277
1225 1230 1235 1240 1245 1250 1250 	(feet) 3 49 4.34 5,62 6.30 00 mation: Method 8270 Method 8260 Method 9012	(°C) /6.25 /6.44 /6.52 /6.6/ /eel @ SVOC VOC'S Total C	7,52 7,56 7,72 8,/9 /2:42 PAH's BTEX yanide	-329 -327 -33/ -3//	0,654 0,501 0,451 0,428	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	0,27 0,07 0,20 0,5-5-	0, 409 0,325 0,293 0,277
1225 1230 1235 1240 1245 1250 1250 1255 1250 1255 1250 1250 	(feet) 3 49 4.34 5,62 6.30 00 mation: Method 8270 Method 8260 Method 9012 MW-2(R)-1 /300	(°C) /6.25 /6.44 /6.52 /6.6/ /eel @ SVOC VOC'S Total C	7,52 7,56 7,72 8,19 12:42 PAH's BTEX yanide	-329 -327 -33/ -3//	0,654 0,501 0,451 0,428	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml plas	ors Yes	0, 409 0,325 0,277 0,277 SNO SNO SNO NO NO

	/ [-				, /,	/2)	
Sampling Personnel:	6, ER	nsv		Date:	10/18		
Job Number: 0603400-	136690-221			Weather:	/	5005	
Well Id. MW-5R(R)				Time In:	1120	Time Out	<u> </u>
Well Information							
VVCII HITOTITICACOTI		TOC	Other	Well Type:	Flus	shmount	Stick-Up
Depth to Water:	(feet)	2,22		Well Locke		Yes	No
Depth to Bottom:	(feet)	24.30		Measuring F	oint Marked:	Yes 🔀	No
Depth to Product:	(feet)	NP		Well Mater			her:
Length of Water Column:	(feet)	2,08		Well Diame		2" ∑ Ot	her:
Volume of Water in Well:	(gal)	3,53		Comments	:		
Three Well Volumes:	(gal)	10,60					
		<u> </u>					
Purging Information			· · · · · · · · · · · · · · · · · · ·				
	_					Conversion	
Purging Method:	Baile	Peristalti	~	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflor			yethylene	of		
Sampling Method:	Baile	Peristalti	c Grund	fos Pump	water	0.04 0.16	
Average Pumping Rate:	(ml/min)	200			1 gal	on=3.785L=3785	mL=1337cu. feet
Duration of Pumping:	(min)	30			1 -		
Total Volume Removed:	(gal)		Did well go dry?	Yes No			
Horiba U-52 Water Quality	Meter Used?	Ye	s No				
						T	
Time DTW	Temp	pН	ORP	Conductivity	Turbidity	DO (TOP (L)	TDS
(feet) 1140 3.90	(°C)	7.57	(mV)	(mS/cm)	(NTU) 194	(mg/L)	0,688
<i> </i>	15.78	10	-342		_//7,		
	14-18	1 7 <i>1 7 1</i>	1 (/ /	1/10/1	15-1	1011	
1145 5,62	15.68	7.60	-36/	1.10	156	0.42	2 193
1145 5.62	15.55	7.60	-367 -363	1.09	156	0.31	0.697
1145 5,62 1150 6.49 1155 7.20	15.68	7.58	-365		156 151 130	0.31	0,697
1145 5,62 1150 6.49 1155 7.20 1200 7.70	1/3-14	7.60 7.58 7.56 7.55	-365	1.09	156 151 130 122	0.31	0,697
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365	1.09	122	0.31	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7.20 1200 7.70	1/3-14	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881		0,31 0.25 0.27 0,24	0,697
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7.20 1203 7.73 1205 8.19 1210 8.50	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1145 5,62 1150 6.49 1155 7,20 1203 7.73 1205 8.19	15.09	7.58 7.56	-365 -364 -364	1.09 1.02 0.913 0.881	122	0,31 0.25 0.27 0,24	0,697 0,650 0,582 0,564
1/45	15.09	7.58 7.56 7.55 7.54	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.31 0.25 0.27 0.24 0.21	0,697 0,650 0,582 0,564
1/45	15.09 15.10 15.10 svoc	7.58 7.56 7.55 7.54	-365 -364 -364	1.09 1.02 0.913 0.881	122	0.3/ 0.25 0.27 0.24 0.2/	0,697 0,650 0,582 0.564 0.542
1/45	75.09 15.10 15.10 0 svoc 0 voc's	7.58 7.56 7,55 7,57	-365 -364 -364	1.09 1.02 0.913 0.881	122 110 106	0.3/ 0.25 0.27 0.24 0.2/	0,697 0,650 0,582 0.564 0.542
1/45 5, 62 1/50 6,49 1/55 7,20 1203 7,73 1205 8,19 1210 8,50 8,50 EPA SW-846 Method 8276 EPA SW-846 Method 901	0 SVOC 0 VOC's 2 Total Cy	7.58 7.56 7.55 7.57	-365 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0.3/ 0.25 0.27 0.24 0.2/ 0.2/	0,697 0,650 0,582 0.564 0.542 s No s No
1/45 5, 62 1/50 6, 49 1/55 7,20 1203 7,73 1205 8, 19 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 1205 8, 50 1205 120	0 SVOC 0 VOC's 2 Total Cy	PAH's BTEX vanide	-364 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0,3/ 0,25 0,27 0,24 0,2/ 0,2/ ers Yestic Yes	0,697 0,650 0,582 0.564 0,542 s No s No
1/45 5,62 1/50 6,49 1/55 7,20 7,70 7,20 7,70 7,20 7,70 7,20 8,19 7,20 8,50 8,50 1,205 8,50 8,50 1,205 8,50 1,205 8,50 1,205 8,50 1,205 8,50 1,205 8,50 1,205 1,2	0 SVOC 0 VOC's 2 Total Cy	7.58 7.56 7.55 7.57	-365 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla ipped: P	o,3/ o,27 o,24 o,24 o,2/ o,2/ o,2/ ers Ye stic Ye ace Courier Pic Ship to Pace	0,697 0,650 0,582 0,564 0,542 s No s No
1/45 5, 62 1/50 6, 49 1/55 7,20 1203 7,73 1205 8, 19 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 8, 50 1205 1205 8, 50 1205 120	0 SVOC 0 VOC's 2 Total Cy	PAH's BTEX vanide	-364 -364 -364 -364	1.09 1.02 0.913 0.881 0.848	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	0,3/ 0,25 0,27 0,24 0,2/ 0,2/ ers Yestic Yes	8 No

-	ter hon			Date: 19	119/23		
	136690-221		_	Weather:	cloudy 55		
Well Id. MW-8R		•	_		1/28	Time Out:	\$ 2 may
VVCII IG.				Time in.	1/28	Time Out.	7201
Well Information				<u></u>			·
	-	TOC	Other	Well Type:	Flus	shmount	Stick-Up
Depth to Water:	(feet)	2.05		Well Locke		Yes	No
Depth to Bottom:	(feet)	20.92	, ,	Measuring F	Point Marked:	Yes	No
Depth to Product:	(feet)	-		Well Mater	ial: PVC	⊠ss oth	ner:
Length of Water Column:	(feet)	18.87		Well Diame	eter: 1"	2" _Oth	ner:
Volume of Water in Well:	(gal)	3.01		Comments	:		
Three Well Volumes:	(gal)	9.05		<u></u>			
		<u> </u>				**************************************	
							
Purging Information				•			· · · · · · · · · · · · · · · · · · ·
						Conversion F	
Purging Method:	Baile	\vdash	\sim	ifos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflor		₩	lyethylene	of	0.04 0.46	0.00 4.47
Sampling Method:	Baile		attic Grund	ifos Pump	water	0.04 0.16	·
Average Pumping Rate:	(ml/min)	200			1 gal	on=3.785L=3785n	nL=1337cu. teet
Duration of Pumping: Total Volume Removed:	(min)	30 2	Did well go dry	? Yes No	⊽ੀ ੇ		
	(gal)			? Yes No	1		
Horiba U-52 Water Quality I	Meter Used?	<u> </u>	′es No				
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1130 2.82	17.17	2.40	-142	0.723	5.1	0.57	0.465
1135 4.15	16.41	2.28	-259	0.739	0.0	0.30	0.473
1140 4.59	16.43	7.29	-277	0.740	0.0	0.28	0.474
1145 4.90	16.42	2.29	-284	0.742	0,0	0.27	0.475
1150 6.05	16.38	2.30	-298	0.749	2.1	0.25	0.479
1155 6.45	16.27	2.29	-303	0.751	7 .		0.481
1123 6.27				<u> </u>	20	0.25	
1200 6.77	16.17	2.29	-306	0.753	3.8	0.25	0.482
	2.00	2.29				1	
	2.00	2.29				1	
	2.00	2.29				1	
	2.00	2.29				1	
1250 6.77	2.00	2.29				1	
	2.00	229				1	
Sampling Information:	16.17				3.8	0.25	0.482
Sampling Information: EPA SW-846 Method 8270	16.17 svoc	PAH's			3, 8 6 - 100 ml amb	ers Yes	0.42 No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC VOC's	PAH's BTEX			3, 8 6 - 100 ml amb 9 - 40 ml via	ers Yes	0.42 No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012	SVOC VOC's Total Cy	PAH's BTEX vanide			3, 8 6 - 100 ml amb	ers Yes	0.42 No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023	SVOC VOC's Total Cy	PAH's BTEX vanide 023	-306	0.753	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	eers Yes s Yes stic Yes	No No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023 uplicate?	- 306 Yes No	0.753	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	ers Yes stic Yes	0.482 No No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1 Sample Time: 12 50	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023	-306	0. 253 Sh	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas ipped: P	ers Yes s Yes stic Yes ace Courier Pick Ship to Pace	No No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 MW-8R-MS-1023 M Sample ID: MW-8R-1	SVOC VOC's Total Cy W-8R-MSD-10	PAH's BTEX vanide 023 uplicate?	- 306 Yes No	0. 253 Sh	6 - 100 ml amb 9 - 40 ml via 3 - 250 ml plas	ers Yes stic Yes	No N

\\svrrmt88-vm3\syracuse-01\Dashboard\Planning\994864.xlsm

,								
Sampling Per	sonnel: र्	ctar you			Date: p/	9/23		
Job Number:		36690-221			Weather: 5	55 Smrs		
	MW-9		·	•	Time In:		Time Out:	1//0
Well Id.	MAA-9	<u> </u>			THIS III.	<u> </u>	.,,,,,	
Well Inf	ormation			<u> </u>				
	Officialist	•	TOC	Other	Well Type:	Flus	hmount	Stick-Up
Depth to Wate	er:	(feet)	4.97	· · · · · · · · · · · · · · · · · · ·	Well Locke	d:	Yes	No
Depth to Botto		(feet)	6.35		Measuring F	oint Marked:	Yes 🔀	No
Depth to Prod	luct:	(feet)			Well Mater		/	ner:
Length of Wa		(feet)	1.38		Well Diame		2"Oth	ner:
Volume of Wa		(gal)	0.22		Comments			
Three Well Vo	olumes:	(gal)	0.66		 			
<u> </u>		Haran Tager	<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
							, , 	
Purging I	nformation	•				<u> </u>	Conversion F	actors
Descripe Marks		Bailer	Peristaltio	Grundf	os Pump		1" ID 2" ID	4" ID 6" ID
Purging Meth Tubing/Bailer		Teflon	 		rethylene	gal/ft.		
Sampling Met		Bailer			os Pump	water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)		CI CI GIA	00 1 UMP[]		on=3.785L=3785r	
Duration of P		(min)	30			1		
Total Volume		(gal)	<i>2</i> [Did well go dry?	Yes No	7		
				s⊠ No□	· · · · · · · · · · · · · · · · · · ·			<u>.</u>
Horiba U-52 \	Nater Quality I	vieter Usea?	res					
П 🚚	DTW	1 Tanan	1	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (fact)	Temp	pH	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1.32	(feet)	(°C) 12.62	8.12	-64	/. 20	252	1.60	0.770
1010	5.40	17.47	6.92	-107	1,20	25.7	1.94	0,280
1048	5.81	17.38	6.87	-118	1.22	56.1	0.92	0.783
1050	5.85	12-39	6.85	-136	1.23	16.4	0.59	afo
1055	6.01	12.40	6.84	45-156	1.24	36.5	0.49	0.798
1100	6.07	12.36	6.84	-168	1.25	32.3	0.47	0.798
	/							
III <i>379</i> 5	6.12	12.40	6.87	-178	1.25	12.4	0.60	0.801
1105	6.12	12.40	6.87	-178			0.60	0.801
7/05	ko. /2	17.40	6.87	-/28			0.60	0.801
//05	ko. /2	12.40	6.87	-178			0.60	0.801
7/05	6.12	12.40	6.87	-178			0.60	0.801
705	6.12	12.40	6.87	-178			0.60	0.801
Sampling In		12.40	6.87	-178			0.60	0.801
		12.40	6.87	-178		12.4		
Sampling In				-178		2 - 100 ml amb	pers Yes	s No
Sampling In	formation:	SVOC VOC's	PAH's BTEX	-178		2 - 100 ml amb 3 - 40 ml via	pers Yes	S No No
Sampling In EPA SW-8 EPA SW-8	formation: 46 Method 8270	SVOC VOC's	PAH's BTEX	-178		2 - 100 ml amb	pers Yes	s No
Sampling In EPA SW-8 EPA SW-8	formation: 46 Method 8270 346 Method 8260 346 Method 9013	SVOC VOC's Total Cy	PAH's BTEX vanide		1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No No No No
Sampling In EPA SW-8 EPA SW-8 EPA SW-8 Sample ID:	formation: 46 Method 8270 846 Method 8260 846 Method 9011	SVOC VOC's Total Cy	PAH's BTEX vanide	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No No No No
Sampling In EPA SW-8 EPA SW-8	formation: 46 Method 8270 346 Method 8260 346 Method 9013	SVOC VOC's Total Cy	PAH's BTEX vanide		1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes Is Yes stic Yes Pace Courier Pic Ship to Pace	S No
Sampling In EPA SW-8 EPA SW-8 EPA SW-8 Sample ID:	formation: 46 Method 8270 846 Method 8260 846 Method 9011 MW-9-10	SVOC VOC's Total Cy	PAH's BTEX vanide	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	pers Yes	S No
Sampling In EPA SW-8 EPA SW-8 EPA SW-8 Sample ID: Sample Time:	formation: 46 Method 8270 346 Method 8260 346 Method 901: MW-9-10 //o 5	SVOC VOC's Total Cy	PAH's BTEX vanide uplicate? S/MSD?	Yes No	1.25	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla sipped: P	pers Yes Is Yes stic Yes Pace Courier Pic Ship to Pace	No Nalytical

Ogdensburg, N	new fork							······································
Sampling Pers	onnel: Pa	tu Lyon			Date: 0	18/23		
Job Number:	0603400-13				Weather:	Cloudy 55	•	
	MW-10R	,,,,,			Time In: _(Time Out:	1015
Well Id.	IAIAA-101Z							
Well Info	ormation			1		-	K 2	
			тос	Other	Well Type:		\mapsto	Stick-Up
Depth to Wate		(feet)	.15		Well Locke		Yes Yes	No No
Depth to Botto		(feet)	22.50		Measuring i Well Mate	Point Marked:	Ss Oth	
Depth to Prod		(feet)			Well Diam		2" \ Oth	
Length of Wat			22.35		Comments			··· <u></u>
Volume of Wa			5.57 10.72		Commonic	•		
Three Well Vo	numes.	(gal)	10. Pd					
Purging Ir	nformation			<u> </u>	.,		<u> </u>	
							Conversion F	
Purging Metho	od:	Bailer	Peristaltio	<u> </u>	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflon	Stainless St	k	ethylene X	of	0.04	0.66 1.47
Sampling Met	hod:	Bailer	Peristaltion	Grundf	os Pump	water	0.04 0.16	0.66 1.47
Average Pum		(ml/min)	<u> </u>			1 gall	on=3.785L=3785m	nL=133/cu. reet
Duration of Pu		(min)	30					
Total Volume	Removed:	(gal)		Did well go dry?	Yes No			
Horiba U-52 V	Vater Quality N	/leter Used?	Yes	s No				
L								
Time	DTW	Temp	pН	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0940	0.72	12.06	9.25	-152	0.530	0.0	2.55	0.340
0945	1.66	12.32	9.34	-198	0.536	0.0	0.74	0.400
0950	2.10	17.24	9.32	-217	0.623	0.0	0.49	0.415
0955	2.43	17.23	9.18	-230	0.684	0.0	0.46	0.438
1000	2.64	12.06	9.19		0.697	0.0	0.41	0.446
1005	2.98	17.05	9.40	-243	0.699	0.0	0.40	0.447
10/6	3.06	17.02	7.77	211	0.677	1		
	<u>. </u>			-	-			
							<u> </u>	
Sampling In	formation:							
								N
EPA SW-8	46 Method 8270					4 - 100 ml aml		No L
EPA SW-8	346 Method 8260					6 - 40 ml via		(——)
#	346 Method 9012	2 Total Cy	anide /			2 - 250 ml pla	stic Yes	No No
II .	1023			, N. C	٦ ^	hinned: F	Pace Courier Pic	kun 🔽
Sample ID:	MW-10R-1		iplicate?	Yes No	-	hipped: F	ace Couner Pic Ship to Pace	vah 🔛
Sample Time:	1010	M:	S/MSD?	Yes No X	<u> </u>		·	المسما
Comments/N	lotes:					Laboratory:	Pace Ar Greensb	-

6 Con Bonnando	6. ERN	07		Date:	10/18/27	3	
Sampling Personnel:		> /		Weather:		rd 4 50°	
Job Number: 0603400-13	36690-221						
Well Id. MW-11			···	Time In:	1025	Time Out:	1120
Well Information		гос	Other	Well Type:		()	tick-Up
Depth to Water:	(feet) J	62		Well Locke		Yes	No
Depth to Bottom:	V	3.51		Measuring P		Yes	No
Depth to Product:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VP		Well Materi		SSOth	
Length of Water Column:		89		Well Diame		2" \Oth	er:
Volume of Water in Well:	(gal) O	146		Comments			
Three Well Volumes:	(gal)	.39					
Purging Information					F		
		 1	5-21	 		Conversion F	
Purging Method:	Bailer	Peristaltic	<u> </u>	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflon	Stainless St.		yethylene X	of	ا ء ، ا ء ، ء ا	
Sampling Method:	Bailer	Peristaltic	Grundf	os Pump	water	0.04 0.16	0.66 1.47
Average Pumping Rate:	(ml/min) 2	_00			1 gall	on=3.785L=3785m	L=1337cu. feet
Duration of Pumping:	(min)	30		 ,	₹\$		
Total Volume Removed:	(gal)	<u>2</u> D	id well go dry?	Yes No	∠ I		
Horiba U-52 Water Quality N	leter Used?	Yes	No				
Tioriba 0-02 Water Quality ii	10101 0000.						
			l OPP	Conductivity	Turbidity	T DO	TDS
Time DTW	Temp	рН	ORP	Conductivity (mS/cm)	(NTU)	(mg/L)	(g/L)
(feet)	15.08	7.7/	(mV) -248	/	0,0	2.34	0.752
1035 3,77	14.95		-247	1.20	589	1,2/	2773
1040 4.05	- / / / / - 	7.55	-249	1.24	1/3	0,46	2795
	14.84	7,05		128	60.2	0.28	08/4
1050 4.17	14.82	7.20	-250	129	33.7	0.21	0.827
1 1 1 1 1 1 1 1	7,00	1111			301/	0.2/	12.02
11 4 4 20 23 1 9 2 2 2 1				1 1 70 1	12 8	1 /1 /7	ロタンスフィート
	14.8/	7./6	1-248	1,30	16.8	0,17	0.828
1105 4.24	14.81	7.12	-247	1,30	16.8	0,17	0.828
	14.79	7.12	+		16.8	0.17	0.828
	14.79	7./2	+		16.8	0,14	0.828
	14.79	7.12	+		16.8	0,17	0.828
	14.79	7.12	+		16.8	0,17	0.828
1105 4.24	14.79	7.12	+		16.8	0,17	0.828
	14.79	7.12	+		16.8	0,17	0.828
1105 4.24	14.79		+		5.2	0,17	0.828
1105 4.24	14.79 SVOC PA	.H's	+		2 - 100 ml amb		(→)
Sampling Information:	14.79 SVOC PA	.H's	+		2 - 100 ml amb 3 - 40 ml via	ls Yes	N ₀ □
Sampling Information: EPA SW-846 Method 8270	SVOC PA VOC'S BT	.H's -EX	+		2 - 100 ml amb	ls Yes	N ₀ □
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC PA VOC'S BT	.H's -EX	+	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	ls Yes stic Yes	No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260	SVOC PA VOC's BT Total Cyar	.H's EX nide	+	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	lls Yes stic Yes Pace Courier Pick	No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012	SVOC PA VOC's BT Total Cyar	hH's EX nide	-247	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	ls Yes stic Yes	No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 Sample ID: Sample Time:	SVOC PA VOC's BT Total Cyar	.H's EX nide	-247 Yes No	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla ipped: P	ls Yes stic Yes Pace Courier Pick Ship to Pace	No No
Sampling Information: EPA SW-846 Method 8270 EPA SW-846 Method 8260 EPA SW-846 Method 9012 Sample ID: MW-11-10	SVOC PA VOC's BT Total Cyar	.H's EX nide	-247 Yes No	1,30	2 - 100 ml amb 3 - 40 ml via 1 - 250 ml pla	lls Yes stic Yes Pace Courier Pick	No N

Ogdensburg, New Tork						
Sampling Personnel:	6. FRI	15 6		Date: /	10/18/23	
	136690-221			Weather:	PTC/sud	2°63
Well ld. MW-12R				Time In:	0930	Time Out: /025
VVCII IQ.						
Well Information						
		TOC	Other	Well Type:		mount Stick-Up
Depth to Water:	(feet)	8,37		Well Locke		Yes No No
Depth to Bottom:	(feet)	21.40		Measuring P Well Materi		SS Other:
Depth to Product:	(feet)	NP 3,03		Well Diame	F	2" Other:
Length of Water Column: Volume of Water in Well:		2,08		Comments	_	
Three Well Volumes:		1.25				
111100 17011 1512110						
Purging Information	· -·				 	Oion Fton
			K-7	<u> </u>	r	Conversion Factors 1" ID 2" ID 4" ID 6" ID
Purging Method:	Bailer			lfos Pump lyethylene	gal/ft.	1 10 2 10 4 10 0 10
Tubing/Bailer Material:	Teflon		~ 	Ifos Pump	of water	0.04 0.16 0.66 1.47
Sampling Method: Average Pumping Rate:	Bailer (ml/min)	2 <i>00</i>	Grand	1105 T UITIP[]		n=3.785L=3785mL=1337cu. feet
Duration of Pumping:	(min)	30				
Total Volume Removed:	(gal)		Did well go dry?	Yes No	\boldsymbol{X}	
Horiba U-52 Water Quality		Ye	s No			
Horiba 0-32 vvaler Quality	Wieter Odea:			<u> </u>		
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO TDS
(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L) (g/L)
1945 9,38	14,65	7.61	-215	0.673	1.5	0.81 0.430
0950 11.13	14.60	7.47	-341	0,667	2,6	0.5/ 0.428
2955 12.04	14,67	7.49	1-357	0.66	3.2	0.47 0.425
1000 13.28	14.87	7.54	1-3/2	0,659	0.7	0.50 0.422
1005 14.56	15.23	7.52	-386	0,656	0.4	0.51 0.419
1010 15.65	15.37	7.49	-387	0.651	0,0	0.54 0.417
10/3 ///	1,3,5,					
		<u> </u>			<u> </u>	
					-	1
Sampling Information:						
	70 01/00	D A Llia			2 - 100 ml amb	ers Yes No
EPA SW-846 Method 82					3 - 40 ml vial	
EPA SW-846 Method 82 EPA SW-846 Method 90					1 - 250 ml plas	
ELY 244-040 Metrior an	,_ iotalo;	,		_		
Sample ID: MW-12F	-1023 D	uplicate?	Yes No	SI SI	hipped: P	ace Courier Pickup
Sample Time: 1020		S/MSD?	Yes No	≤		Ship to Pace
Comments/Notes:					Laboratory:	Pace Analytical
COMMITGINIS/NOTES.					•	Greensburg, PA
	oard\ Dlanning\ 994			I <u>L</u>		Page 14 of 1

 $\verb|\syracuse-01\Dashboard\Planning\994864.x| sm$

Ogdensburg, New York		
Sampling Personnel:		Date: 10/18/2-3
Job Number: 0603400-136690-22	1	Weather: Curso if 51
Well Id. MW-14R		Time In: 09:45 Time Out:
Well Information		
	TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet		Well Locked: Yes No
Depth to Bottom: (feet) Depth to Product: (feet)		Well Material: PVC SS Other:
Length of Water Column: (feet		Well Diameter: 1" 2" Other:
Volume of Water in Well: (gal)		Comments:
Three Well Volumes: (gal)	24-39	
Purging Information		Conversion Factors
Purging Method:	Bailer Peristaltic Grun	ndfos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
Tubing/Bailer Material:		Polyethylene of
Sampling Method:		ndfos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/mi	· · · · · · · · · · · · · · · · · · ·	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (mi		2 Vac Nac Nac Nac Nac Nac Nac Nac Nac Nac N
Total Volume Removed: (ga		/? Yes No
Horiba U-52 Water Quality Meter Use	d? Yes No	
		Conductivity Turbidity DO TDS
Time DTW Tem	· 1 · 1	Conductivity Turbidity DO TDS (mS/cm) (NTU) (mg/L) (g/L)
(feet) (°C)		0.519 3.4 11.17 0.371
09:55 0:00 13.7	7 2.07 63	0.577 1.2 958 0.369
10:00 0.00 13.4	7 3.06 -18	0.516 0.6 8.82 0.369
10:05 0.00 13.3	////	0.577 0.0 8.07 0.570
10.10 0.00 13.10		0.579 00 7.28 0.371
N: 15 0.00 13.14		0.580 0.0 6.51 0.371
10:20 0.00 13.1	5 5.42 112	0.301 0.0
Sampling Information:		
EDA 000 040 Martinal 0070	VOC BALLO	2 - 100 ml ambers
41	OC PAH's	3 - 40 ml vials Yes No
	tal Cyanide	1 - 250 ml plastic Yes No
El Work sas Modisa as 12		· ************************************
Sample ID: <u>MW-14R-1023</u>	Duplicate? Yes No	Shipped: Pace Courier Pickup
Sample Time: 10 52	MS/MSD? Yes No	Ship to Pace
		· · · · · · · · · · · · · · · · · · ·
Comments/Notes:	**	Laboratory: Pace Analytical Greensburg, PA

Sampling Personnel:	Date: 70/18/23
	Weather: Comy 5
	Time In: 12:15 Time Out:
Well Id. MW-15RS	
Well Information	
TOC Other	Well Type: Flushmount Stick-Up
Depth to Water: (feet) 7-40	Well Locked: Yes No No
Depth to Bottom: (feet) 23.65	Measuring Point Marked: Yes No No
Depth to Product: (feet)	Well Material: PVC SS Other:
Length of Water Column: (feet) 15-87	
Volume of Water in Well: (gal) 0 63	Comments:
Three Well Volumes: (gal) [40]	
Purging Information	Conversion Factors
Purging Method: Bailer Peristaltic Grun	dfos Pump gal/ft. 1" ID 2" ID 4" ID 6" ID
Purding Method.	olyethylene
	dfos Pump water 0.04 0.16 0.66 1.47
Average Pumping Rate: (ml/min) 200	1 gallon=3.785L=3785mL=1337cu. feet
Duration of Pumping: (min) 3.3	
Total Volume Removed: (gal) Z Did well go dry	? Yes No
Horiba U-52 Water Quality Meter Used? Yes No	
Tioriba 0-52 vvaler quality inter-	
Time DTW Temp pH ORP	Conductivity Turbidity DO TDS
(feet) (°C) (mV)	(mS/cm) (NTU) (mg/L) (g/L)
	1.21 7.5 3.14 0-779
12.20 15.52 0.73 85	1.21 7.5 3.14 0-779
12.20 15.52 0.73 95 12.25 16.03 1.50 20 12.30 14.99 2.43 -35	1.21 7.5 3.14 0-779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0-823
12.20 15.52 0.73 8° 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -26	1.21 7.5 3.14 0-779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0-823 1.30 3.7 1.52 0.829
12.20 15.52 0.73 85 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.70 14.95 3.60 -106	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.839
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.847
12.20 15.52 0.73 85 12.25 15.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.70 14.95 3.60 -106	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 3.7 1.62 0.839
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.86 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.847
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.28 4.2 1.56 0.823 1.30 3.7 1.52 0.829 1.31 8.7 1.62 0.836 1.32 3.9 1.64 0.847
12.20 15.52 0 73 98 12.25 16.03 1.50 20 12.30 14.99 2.43 -35 12.35 14.91 3.10 -16 12.40 14.95 3-60 -106 12.45 14.16 4.03 -132	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.929 1.31 3.7 1.62 0.939 1.32 3.9 1.64 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.823 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.845 1.32 3.5 1.76 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 0.823 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.939 1.32 3.9 1.69 0.892 1.32 3.5 1.76 0.896
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.939 1.32 3.9 1.64 0.845 1.32 3.5 1.76 0.846
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.36 4.2 1.56 0.823 1.30 3.7 1.52 0.029 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.846 2-100 ml ambers Yes No 1.32 3.40 ml vials Yes No 1.250 ml plastic Yes No 1.250 ml plastic
12.20	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.929 1.31 3.7 1.62 0.937 1.32 3.9 1.69 0.846 1.32 3.5 1.76 0.846 2-100 ml ambers Yes No
12.10	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.30 3.7 1.52 0.929 1.31 8.7 1.62 0.936 1.32 3.9 1.64 0.846 1.32 3.5 1.76 0.846 2-100 ml ambers Yes No
12.40	1.21 7.5 3.14 0.779 1.27 4.9 1.60 0.815 1.38 4.2 1.52 0.929 1.31 3.7 1.62 0.939 1.32 3.9 1.69 0.895 1.32 3.5 1.76 0.896 2-100 ml ambers Yes No

National Grid King Street Non-Owned Former MGP Site

 $\verb|\syracuse-01|Dashboard\Planning\994864.x| sm$

Sampling Per	sonnel: P	rer Lyon			Date: 10/1	1/23		
Job Number:		36690-221			Weather:	55° overcas	<u></u>	
		00000			Time In: 1	220	Time Out:	1305
Well Id.	MW-17R				Tane in. 12		1,1110 0 0.0.	7,505
Well Inf	ormation				· · · · · · · · · · · · · · · · · · ·			
	-	•	TOC	Other	Well Type:	Flus	shmount 🔀 ᠄	Stick-Up
Depth to Wate	er:	(feet)	6.75		Well Locke	d:	Yes	No
Depth to Botto		(feet)	26.90		_	oint Marked:	Yes	No
Depth to Prod		(feet)			Well Materi			ner:
Length of Wa			20.15		Well Diame		2"\Oth	ner:
Volume of Wa		(gal)	3.22		Comments	•		
Three Well Vo	olumes:	(gal)	9.67					
<u></u>			· · · · · · · · · · · · · · · · · · ·			4-34		
Purging I	nformation	<u> </u>						
r diging ii	mormation	•					Conversion F	actors
Purging Meth	od:	Bailer	Peristaltic	Grundi	os Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	Pol	ethylene	of		
Sampling Met		Bailer	Peristaltic	Grund	os Pump	water	0.04 0.16	
Average Pum	ping Rate:	(ml/min)	200			1 gal	lon=3.785L=3785n	nL=1337cu. feet
Duration of P		(min)	30		[] [71		
Total Volume	Removed:	(gal)	<i></i> _D	id well go dry?	Yes No	<u> </u>		
Horiba U-52 \	Nater Quality I	Meter Used?	Yes	No ☐				
<u> </u>			TO THE DATE:					
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)	·	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
Time 1230	(feet) 2.53	(°C) 15.75	2.58	(mV) -229	(mS/cm)	(NTU) 30.5	(mg/L) 0.67	(g/L) 0.579
	(feet) 2.53 8.28	(°C) 15.75 15.58	2.58 2.30	(mV) -229 - 244	(mS/cm) 0-904 0-914	(NTU) 30.5 3.5	(mg/L) 0.67 0.44	(g/L) 0.579 0.584
1230 1235 1240	(feet) 7.53 8.28 9.02	(°C) 15.75 15.58 15.55	7.58 7.30 2.18	(mV) -229 -244 -254	(mS/cm) 0.904 0.914 0.919	(NTU) 30.5 3.5 3.3	(mg/L) 0.67 0.44 0.36	(g/L) 0.579 0.584 0.581
1230 1235 1290 1295	(feet) 2.53 8.28 9.02 9.51	(°C) 15.75 15.58 15.55	7.58 7.30 7.18 7.12	(mV) -229 - 244 -254 -260	(mS/cm) 0.904 0.914 0.919 0.909	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33	(g/L) 0.579 0.584 0.581 0.581
1230 1235 1240 1245 1250	(feet) 2.53 8.28 9.02 9.51 9.94	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.04	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33 0.33	(g/L) 0.579 0.584 0.581 0.581 0.574
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250	(feet) 2.53 8.28 9.02 9.51 9.94	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.04	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898	(NTU) 30.5 3.5 3.3 0.4	(mg/L) 0.67 0.44 0.36 0.33 0.33	(g/L) 0.579 0.584 0.581 0.581 0.574
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.571 0.571
1230 1235 1240 1245 1250 1255	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8	(mg/L) 0.67 0.44 0.36 0.33 6.33 0.3/	(g/L) 0.579 0.581 0.581 0.574 0.571
1230 1235 1240 1245 1250 1255 1300	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.55 15.54	7.58 7.30 7.18 7.12 2.06 7.06	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L) 0.67 0.44 0.36 0.33 6.34 0.37	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230 1235 1245 1245 1255 1355 1356	(feet) 2.53 8.28 9.02 9.51 9.94 10.14 10.36	(°C) 15.75 15.58 15.55 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L) 0.67 0.44 0.36 0.33 0.34 0.37 0.33	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230 1235 1270 1295 1255 135 135 135 EPA SW-8	(feet) 7.53 8.28 9.02 9.51 9.99 10.19 io. 36 formation: 46 Method 8270 46 Method 8260	(°C) 15.75 15.58 15.55 15.57 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.66 7.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30. 5 3. 5 3. 3 0. 4 1. 2 0. 8 1. 7 2 - 100 ml aml 3 - 40 ml via	(mg/L) 0.67 0.44 0.36 0.33 0.33 0.33 0.33 Verse Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.574
1230 1235 1270 1295 1255 135 135 135 EPA SW-8	(feet) 7.53 8.28 9.02 9.51 9.94 10.14 jo.36 formation:	(°C) 15.75 15.58 15.55 15.57 15.57 15.57 15.57	7.58 7.30 2.18 7.12 2.66 7.06 7.03	(mV) -229 -244 -254 -260 -262	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7	(mg/L) 0.67 0.44 0.36 0.33 0.33 0.33 0.33 Verse Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.574
1230 1235 1245 1245 1255 1355 1355 1356 EPA SW-8 EPA SW-8	(feet) 2.53 8.28 9.02 9.51 9.99 10.19 10.36 formation: 46 Method 8270 46 Method 8260 46 Method 9012	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57 /5.57	7.58 7.30 7.18 7.12 2.06 7.06 7.03	(mV) -229 -244 -254 -260 -262 -262 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L) 0.67 0.44 0.36 0.33 0.34 0.37 0.33 eners Yes	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
12.30 12.35 12.95 12.95 12.55 13.50 12.55 13.50 13.5	(feet) 7.53 8.28 9.02 9.51 9.99 10.19 10.36 formation: 46 Method 8270 46 Method 8260 46 Method 9012	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 2.18 7.12 2.06 7.06 7.03 PAH's BTEX anide	(mV) -229 -244 -254 -260 -261 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L) 0.67 0.44 0.36 0.33 0.33 0.37 0.33 eners Yes estic Yes Pace Courier Pic	(g/L) 0.579 0.584 0.581 0.574 0.574 0.571
1230 1235 1270 1295 1255 1355 1356 1356 EPA SW-8 EPA SW-8 EPA SW-8 EPA SW-8 Sample ID: Sample Time:	(feet) 2.53 8.28 9.02 9.51 9.99 10.19 10.36 formation: 46 Method 8270 346 Method 8260 46 Method 9013	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 7.18 7.12 2.06 7.06 7.03	(mV) -229 -244 -254 -260 -262 -262 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4 1.2 0.8 1.7 2-100 ml aml 3-40 ml via 1-250 ml pla	(mg/L) O.67 O.44 O.36 O.33 O.33 O.33 O.33 O.34 O.34 O.35 O.35 O.36 O.37 O.37	(g/L) 0.579 0.58/ 0.58/ 0.58/ 0.57/ 0.57/ 0.57/ 0.57/ 0.57/ kup
1230 1235 1275 1255 1355 1356 1356 	(feet) 2.53 8.28 9.02 9.51 9.99 10.19 10.36 formation: 46 Method 8270 346 Method 8260 46 Method 9013	(°C) /5.75 /5.58 /5.55 /5.57 /5.57 /5.57 /5.57 /5.57 Duch Service of Control Cy	7.58 7.30 2.18 7.12 2.06 7.06 7.03 PAH's BTEX anide	(mV) -229 -244 -254 -260 -261 -260	(mS/cm) 0.904 0.914 0.910 0.909 0.898 0.893 0.892	(NTU) 30.5 3.5 3.3 0.4/ 1.2 0.8 1.7 2 - 100 ml aml 3 - 40 ml via 1 - 250 ml pla	(mg/L) 0.67 0.44 0.36 0.33 0.33 0.37 0.33 eners Yes estic Yes Pace Courier Pic	(g/L) 0.579 0.584 0.584 0.574 0.574 0.574 0.574 0.574 0.574 0.88 No No Ralytical

National Grid King Street Non-Owned Former MGP Site

 $\verb|\syrrmt88-vm3\syracuse-01| Dashboard Planning 994864.x | sm| | syracuse-01| |$

Sampling Personnel: Da	ate: 10/18/23
	eather: Geom 56
	me in: // :05 Time Out:
Well tu. 1917-1917	
Well Information	
	ell Type: Flushmount Stick-Up Stick-Up
Deptil to vvater.	ell Locked: Yes No No
	easuring Point Marked: Yes No No Other:
Depth to 1 todaet. (Not)	ell Material: PVC SS Other:
Length of Water Column. (icely 35:70	omments:
Three Well Volumes: (gal)	
111100 1101 101011100	
Purging Information	
	Conversion Factors
Purging Method: Bailer Peristaltic Grundfos Pum	
Tubing/Bailer Material: Teflon Stainless St. Polyethylene	
Sampling Method: Bailer Peristaltic Grundfos Pum	1 gallon=3.785L=3785mL=1337cu. feet
Average Pumping Rate: (ml/min) 3000000000000000000000000000000000000	1 gailon-0.700E-0700ME-10070d. 1001
Total Volume Removed: (gal) Did well go dry? Yes	s T No T
Horiba U-52 Water Quality Meter Used? Yes No No	
The state of the s	Austivity Turbidity DO TDS
	ductivity Turbidity DO TDS S/cm) (NTU) (mg/L) (g/L)
(feet) (°C) (mV) (m	S/cm) (NTU) (mg/L) (g/L)
(feet) (°C) (mV) (m)	S/cm) (NTU) (mg/L) (g/L) 0.21 0.9 2.63 6393 599 0.4 1.44 0.376
(feet) (°C) (mV) (m) 11:15 5.15 16.25 3.15 35 0-1 11:20 7-01 15.35 3.54 30 0.5 11:25 9.64 15.30 3.61 91 0.5	S/cm) (NTU) (mg/L) (g/L) (0.21 0.9 2.63 6393 (599 0.4 1.47 0.376 (582 0.3 1.37 0.373
(feet) (°C) (mV) (m) 11:15 5.15 16.25 3.15 35 0.1 11:20 7-01 15.30 3.54 30 0.5 11:27 9.64 15.30 3.61 91 0.5 11:30, 11:32 15:30 3.50 62 0.5	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 599 0.4 1.47 0.376 582 0.3 1.37 0.373 82 1.1 1.41 0.372
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) (QZ) 0.9 2.63 6393 (SP) 0.4 1.47 0.376 (SP) 0.3 1.37 0.373 (SP) 1.1 1.41 0.373 (SP) 0.2 1.38 6.343
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 582 0.3 1.37 0.373 582 0.3 1.37 0.373 582 0.2 1.1 1.41 0.372 583 0.2 1.38 0.343 584 0.1 1.38 0.374
(feet) (°C) (mV) (m) 1/1,5 5.15 16.26 3.15 35 0.1 11.20 7.01 15.30 3.51 41 0.5 11.30 11.32 15.30 3.50 62 0.5 11.35 13.22 15.30 3.20 39 0.5	S/cm) (NTU) (mg/L) (g/L) (QZ) 0.9 2.63 6393 (SP) 0.4 1.47 0.376 (SEZ 0.3 1.37 0.373 (SEZ 1.1 1.41 0.37) (SEZ 0.2 1.38 6.393
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 582 0.3 1.37 0.373 582 0.3 1.37 0.373 582 0.2 1.1 1.41 0.372 583 0.2 1.38 0.343 584 0.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 589 0.4 1.44 0.376 582 0.3 1.37 0.373 582 1.1 1.41 0.372 83 0.2 1.38 6.343 584 6.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 582 0.3 1.37 0.373 582 0.3 1.37 0.373 582 0.2 1.1 1.41 0.372 583 0.2 1.38 0.343 584 0.1 1.38 0.374
(feet) (°C) (mV) (m) 11:15 5 15 16 25 3 15 35 0 1 11:20 7-01 15 30 3 61 41 0 5 11:30 16:32 15:30 3 50 62 0 6 11:35 13:22 15:30 3 20 59 0 5	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 589 0.4 1.47 0.376 582 0.3 1.37 0.373 582 1.1 1.41 0.372 83 0.2 1.38 6.343 584 6.1 1.38 0.374
(feet) (°C) (mV) (m) 1/1,5 5.15 16.25 3.15 35 0.1 11:20 7-01 15.30 3.54 30 0.5 11:25 7.64 15.30 3.50 62 0.5 11:35 13.22 15.30 3.20 39 0.5 11:45 16.96 15.32 2.60 152. 0.5	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 589 0.4 1.44 0.376 582 0.3 1.37 0.373 582 1.1 1.41 0.372 83 0.2 1.38 6.343 584 6.1 1.38 0.374
(feet) (°C) (mV) (mV) (mV) (mV) (mV) (mV) (mV) (mV	S/cm) (NTU) (mg/L) (g/L) (QZ) 0.9 2.63 6393 (SP) 0.4 1.47 0.376 (SE2 0.3 1.37 0.373 (SE2 1.1 1.41 0.372 (SE3 0.2 1.38 6.343 (SE3 0.4 1.44 0.374)
(feet) (°C) (mV) (m) 1/1,5 5.15 16.25 3.15 35 0.1 11:20 7-01 15.30 3.54 30 0.5 11:25 7.64 15.30 3.50 62 0.5 11:35 13.22 15.30 3.20 39 0.5 11:45 16.96 15.32 2.60 152. 0.5	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 589 0.4 1.47 0.376 582 0.3 1.37 0.373 582 1.1 1.41 0.372 83 0.2 1.38 6.343 584 6.1 1.38 0.374
(feet) (°C)	S/cm) (NTU) (mg/L) (g/L) (QZ) 0-9 2-63 6393 (SP) 0-4 1-44 0-376 (SZ) 0-3 1-37 0-376 (SZ) 0-3 1-37 0-376 (SZ) 0-1 1-38 6-373 (SZ) 0-1 1-38 0-374 (SZ) 0-4 1-44 0-379 (SZ) 0-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1
(feet) (°C) (mV) (m) (III)	S/cm) (NTU) (mg/L) (g/L) 021 0.9 2.63 6393 599 0.4 1.47 0.376 582 0.3 1.37 0.373 582 1.1 1.41 0.372 83 0.2 1.38 6.343 584 6.1 1.38 0.374 \$85 0.4 1.44 0.374 2-100 ml ambers Yes No
(feet) (°C) (mV) (m:	S/cm (NTU)
(feet) (°C) (mV) (m:	S/cm (NTU) (mg/L) (g/L) (g/L
(feet) (°C) (mV) (m:	S/cm (NTU) (mg/L) (g/L) (g/L
(feet) (°C) (mV) (m:	S/cm (NTU) (mg/L) (g/L) (g/L

Sampling Personnel:				Date: 10	118123		
Job Number: 0603400-1	136690-221			Weather:	PC 5	5	
Well Id. MW-20R				Time fn:	0:25	Time Out:	11:35
Well Information	•	TOC ·	Other	Well Type:	Flu	shmount	Stick-Up
Depth to Water:	(feet)	000		Well Locke		Yes	No No
Depth to Bottom:	(feet)	28.40		Measuring F	Point Marked:	Yes	No
Depth to Product:	(feet)	,		Well Mater			her:
Length of Water Column:	(feet)	28.40		Well Diame		' 2"\Oti	her:
Volume of Water in Well:	(gal) 2	1.54		Comments	•		
Three Well Volumes:	(gal)	5.69					
Purging Information				<u> </u>			
	• 					Conversion I	Factors
Purging Method:	Bailer		<u></u>	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material:	Teflon	 i	$\overline{}$	yethylene	of		
Sampling Method:	Bailer	Peristaltic	Grund	fos Pump	water	1	<u> </u>
Average Pumping Rate:	(ml/min)	<u> 2 0 =</u>			1 gal	lon=3.785L=3785r	nL=1337cu. feet
Duration of Pumping: Total Volume Removed:	(min)	<u> </u>	on down	Van Dua't			
	(gal)		oid well go dry?	Yes No	}		
Horiba U-52 Water Quality N	Meter Used?	Yes	No.				
Time DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
II	1			1	•	1	1
(feet)	(°C)	1 (63)	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
10:3: 0.00	15.25	4-86	(mV) -162	(mS/cm) 0.603	•	9-27	0.386
10:3: 0.00	1	4.99	(mV) -/62 -/41	(mS/cm) 0.603 0.615	(NTU) 49,9 4,7	9-27	(g/L) 0.386 0.394
10:3: 0.00	15.25 15.35 15.72		(mV) -162	(mS/cm) 0.602 0.615 0.615	(NTU) 49.9 4.7 7.8	9-27	0.386 0.394 0.395
10:3: 0.00	15.25	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49,9 4,7	9-27	0.386
10:3: 0.00 10:35 1.32 10:40 3.75 10:45 5.92	15.25 15.35 15.72 15.86	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.615	(NTU) 49.9 4.7 7.8 77.0	9-27-9-22-9-47	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.39 10:40 3:45 10:45 5.92 10:50 7.42	15.25 15.35 15.72 15.86	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0	9-27-9-22-9-47	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92 10:50 7.42 10:55 9.47	15.25 15.35 16.72 15.86 15.86 15.87	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	9.27 9.32 8.47 7.84 7.31	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92 10:50 7.42 10:55 9.47	15.25 15.35 16.72 15.86 15.86 15.87	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	9.27 9.32 8.47 7.84 7.31	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92 10:50 7.42 10:55 9.47	15.25 15.35 16.72 15.86 15.86 15.87	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	9.27 9.32 8.47 7.84 7.31	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92 10:50 7.42 10:55 9.47	15.25 15.35 16.72 15.86 15.86 15.87	4.99	(mV) -/62 -/41	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 4.7 7.8 77.0 3.7	9.27 9.32 8.47 7.84 7.31	0.386 0.394 0.395 0.395
10:3: 0.00 10:35 1.30 10:40 3.75 10:45 5.92 10:50 7.42 10:55 9.47	15.25 15.35 16.72 15.86 15.86 15.87	4.80 4.80 4.18 4.18 4.07	(mV) -162 -141 -102 -63 -51 -51	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	9.27 9.32 8.47 7.84 7.31	0.386 0.394 0.395 0.395
10:3: 0:00 10:35 1:33 10:40 3:45 10:45 5.92 10:50 7.42 10:55 9.47 11:00 10:72	15.25 15.35 16.72 15.86 15.86 15.87	4.80 4.80 4.18 4.18 4.07	(mV) -162 -141 -102 -63 -51 -51	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	9.27 9.32 8.47 7.84 7.3 6.92 6.57	0.386 0.394 0.395 0.395 0.396 0.393
10:3:	15.25 15.35 15.35 15.86 15.86 15.87 15.87	4.80 4.80 4.18 4.18 4.07	(mV) -162 -141 -102 -63 -51 -51	(mS/cm) 0.602 0.615 0.618 0.618 0.614	(NTU) 49.9 4.7 7.8 17.0 3.7 3.7 2.0	9.27 9.32 9.47 7.84 7.31 6.92 6.57	0.386 0.394 0.395 0.396 0.393 0.383
10:3:	15.25 15.35 15.35 15.86 15.87 15.87 15.87	4.90 4.20 4.18 4.07 7.11	(mV) -162 -141 -102 -63 -51 -51	(mS/cm) 0.602 0.615 0.618	(NTU) 49.9 47.2 77.2 3.7 2.1 2.0 2.100 ml amb 3.40 ml via	9.27 9.32 9.47 7.31 6.92 6.57	0.386 0.394 0.395 0.395 0.396 0.393 0.393
10:3:	15.25 15.35 16.72 15.86 15.87 15.87 15.87 SVOC F VOC's E Total Cy	4.99 4.80 4.120 4.17 4.17 4.11	(mV) -162 -141 -102 -63 -57 -51 -52 PH 967 3.70	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614	(NTU) 49.9 47.7 7.8 17.0 3.7 2.1 2.0 2.100 ml amb 3.40 ml via 1.250 ml plas	9-27 9-32 9-47 7-84 7-31 6-92 6-57 0-57	0.386 0.394 0.395 0.396 0.393 0.393 0.393
10:3:	15.35 15.35 15.35 15.86 15.87 15.87 15.87 SVOC F VOC's E Total Cy	4.99 4.80 4.18 4.77 7.11 PAH's BTEX anide	(mV) -162 -141 -102 -63 -51 -51	(mS/cm) 0.602 0.615 0.618 0.618 0.618 0.614	(NTU) 49.9 47.7 7.8 17.0 3.7 2.1 2.0 2.100 ml amb 3.40 ml via 1.250 ml plas	9.27 9.32 9.47 7.31 6.92 6.57	0.386 0.394 0.395 0.396 0.393 0.393 0.393
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Appendix C – Data Usability Summary Report



Groundwater & Environmental Services, Inc.

708 North Main Street, Suite 201 Blacksburg, VA 24060

T. 800.662.5067

January 23, 2024

Devin Shay Groundwater & Environmental Services, Syracuse 6780 Northern Blvd., Suite 100 East Syracuse, NY 13057

RE: Data Usability Summary Report for National Grid - Ogdensburg: Data Packages Pace Analytical Job No. 30632900, 30582832

Groundwater & Environmental Services, Inc. (GES) reviewed two data packages (Laboratory Project Numbers 30632900, 30582832) from Pace Analytical Services, Inc., for the analysis of groundwater samples collected on April 27, 2023 and October 10, 2023 from monitoring wells located at the Atthe National Grid Ogdensburg site. Collected samples included 13 aqueous samples in the spring and 13 aqueous samples in the fall event, as well as field quality samples including a trip blank and a field duplicate during each event. The samples were processed for volatile organic compounds benzene, toluene, ethylbenzene and xylenes (BTEX), cyanide and polycyclic aromatic hydrocarbons (PAHs). The trip blanks were analyzed for volatiles with the site samples. The purpose of the trip blank is to determine if there is outside BTEX contamination caused by transporting the samples.

Analytical methodologies are those of the USEPA with additional requirements of the NYSDEC ASP.

Complete NYSDEC Category B deliverables were included in the laboratory data package and all information required for validation of the data is present. This usability report is generated from review of the summary form information, and review of associated QC raw data. The reported summary forms have been reviewed for application of validation qualifiers, using guidance from the National Grid generic QAPP, USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, and professional judgment, as affects the usability of the data. The following items were reviewed:

- Laboratory Narrative Discussion
- Custody Documentation
- Holding Times
- Surrogate and Internal Standard Recoveries
- Matrix Spike Recoveries/Duplicate (MS/MSD) Correlations
- Field Duplicate Correlations
- Laboratory Control Sample (LCS)
- Preparation/Calibration Blanks
- Calibration/Low Level Standard Responses
- Instrumental Tunes
- Sample Quantitation and Identification

All of the items were determined to be acceptable for the DUSR level review. In summary, sample results are usable.

The laboratory case narratives and sample identification summary forms are attached to this text, and should be reviewed in conjunction with this report.

Table 1 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
	J+	Ethylbenzene Toluene m&p-Xylene	High MS/MSD recoveries
MW-8R-1023	J-	Cyanide	MS/MSD recoveries low
WW-0R-1025	J+	2-Methylnaphthalene Acenaphthene	MS/MSD recoveries high
	J	Phenanthrene	DDD avecada maximum
	J	Benzo(a)pyrene Acenaphthylene Benzo(a)pyrene	RPD exceeds maximum
MW-8R-0423	J-	Phenanthrene Pyrene Fluoranthene Benzo(k)fluoranthene	MS/MSD recoveries <10%, positive detection
	J-	Benzo(b)fluoranthene	MS/MSD recoveries low, positive detection
MW-2(R)-0423 MW-8R-0423 MW-9-0423 MW-10R-0423 MW-12R-0423	J-	Acenaphthene Fluorene	
MW-5R(R)-0423	UJ	Acenaphthene	
MW-11-0423 MW-14R-0423 MW-15-0423 MW-15RS-0423 MW-17-0423	UJ	Acenaphthene Fluorene	Low LCS/LCSD recoveries
MW-5R(R)-0423	J-	Fluorene	

J-/UJ-: estimated detect/estimated non-detect with a possible low bias

R: Data unusable due to gross QC failure

J/UJ: estimated with an indeterminate bias

BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times for groundwater and instrumental tune fragmentations are within acceptance ranges for both events. For some samples, the concentrations exceeded the calibration curve, and were diluted prior to final quantification. Elevated reporting limits are provided for the MW-8R MS and MW-8R MSD samples.

Calibration standards show acceptable responses within analytical protocol and validation action limits for both events.

LCS/LCSD recoveries and relative percent differences (RPD) are within criteria for both events.

J+: estimated detect with a possible high bias

Surrogate and internal standard recoveries are within required limits for the spring event and within limits for the fall event with the following exception:

- For the fall event, the field duplicate surrogate 2-Fluorobiphenyl recovered low indicating a possible low bias. Duplicate analysis indicates that the recovered COCs are within variance with the original sample, and no data is qualified.
- For the spring event, an MS/MSD was analyzed using **MW-8R-1023** as the matrix. Ethylbenzene, toluene, and m&p-xylene recovered high. Data is qualified as estimated with a possible high bias.

Qualifiers can be found int Table 1.

No MS/MSD was analyzed with the fall event.

The blind field duplicate correlations of **MW-10R-0423** were within the project specification of ≤25% for both sampling events.

Table 2a: VOCs Precision Calculations

Compound	MW-10R-0423	FD-0423	RPD
Benzene	1520	1480	2.7
Ethylbenzene	95.7	96.2	0.5
Toluene	172	170	1.2
Xylene (Total)	134	132	1.5

μg/L-microgram per liter

RPD - relative percent difference

The blind field duplicate correlations of **MW-10R-1023** were within the project specification of ≤25% for both sampling events.

Table 2b: VOCs Precision Calculations

Compound	MW-10R-1022	FD-1022	RPD
Benzene	1990	1880	5.7
Ethylbenzene	128	124	3.2
Toluene	229	219	4.5
Xylene (Total)	164	156	5.0
μg/L-microgram per liter	RPD - relative percent difference		

Cvanide by EPA 9012B/NYDESC ASP

Holding times were met for both sampling events. Blanks, both laboratory and field-generated, show no contamination. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines.

The laboratory control spike recoveries and precision indicate the method is within laboratory control.

For the spring and fall event, MS/MSDs were analyzed using **MW-8R**. For the spring event, the **FD-0423** sample was also utilized, for the fall event, sample **MW-20R-1023** was used.

Spring Event

For the spring event, the following non-compliances were noted for MW-8R-0423:

Low recoveries

Acenaphthylene & Fluoranthene recovered <10% in the MS and/or the MSD

RPDs outside of compliance

- Phenanthrene
- Pyrene
- Fluoranthene
- Benzo(a)pyrene
- Acenaphthylene

For associated data not previously qualified due to bias, the qualifier of estimated is applied. Validation qualifiers are noted in **Table 1**.

Fall Event

For the fall analysis MW-8R MS/MSD recoveries were below criteria (86%, 86%). The cyanide data for this sample is qualified as estimated with a possible low bias.

For the fall event, and MS/MSD was analyzed using MW-20R, both recoveries and RPDs were within criteria, no qualification was required.

The blind field duplicate correlations of **MW-10R-0423** were within project criteria. No data was qualified.

Table 3a: Cyanide Precision Calculations

Compound	MW-10R-0423	FD-0423	RPD
Cyanide	0.11	0.13	16.7
μg/L-microgram per liter	RPD - relative percent difference)	

The blind field duplicate correlations of **MW-10R-1023** were within project criteria. No data was qualified.

Table 3b: Cyanide Precision Calculations

Compound	MW-10R-1023	FD-1023	RPD
Cyanide	0.075	0.078	3.9
μg/L-microgram per liter	RPD - relative percent difference		

PAHs by EPA8270D/NYSDEC ASP

Holding times were met. Instrumental tune fragmentations are within acceptance ranges. Blanks reported no above RL concentrations.

Surrogates were within specification for all samples. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines. Samples with high concentrations were run at dilution to allow accurate quantification. Some detection limits are elevated.

Spring Event

The spring event reported out-of-compliance LCS/LCSD results for the following analytes:

- Acenaphthene (65%) low
- Fluorene (66%) low

Samples with associated data are qualified as estimated detect with a possible low bias, or estimated non-detect. Qualifiers are noted in **Table 1**.

There were numerous low recoveries <10% in the spring MS/MSD pair. Although the recoveries indicate a very poor method efficacy, because there is positive data, the analyte concentrations are qualified as estimated with a low bias,

RPDs were >25% for multiple analytes as well. Associated data not previously qualified due to recovery is qualified as estimated due to precision issues.

Qualifiers are noted in Table 1.

Fall Event

The fall laboratory control spike recoveries and precision indicate the method is within laboratory control. Matrix spike and matrix spike associated with **MW-08R-1023** recoveries were within laboratory specified criteria, with the following exceptions:

- 2-Methylnapthalene and acenaphthene both reported high recoveries. Data is qualified as estimated with a possible high bias.
- Naphthalene reported a high recovery, but the original concentration > four times the spiking concentration, and data cannot be used to determine method efficacy.
- The RPD for phenanthrene reported outside laboratory criteria and the data is qualified as estimated with an indeterminate bias.

Data is qualified as noted in Table 1.

The blind field duplicate correlations of **MW-10R-0423** were within project specification of RPD ≤ 25%, with the exception of naphthalene. Naphthalene is qualified as estimated with an indeterminate bias.

Table 4a: PAH Precision Calculations

Compound	MW-10R-0422	FD-0422	RPD
Acenaphthene	29.2	26	11.6
Acenaphthylene	37.5	34	9.8
Anthracene	0.78	0.8	2.5
Fluorene	10.5	10.6	0.9
2-Methylnaphthalene	11.0	11.1	0.9
Naphthalene	449	647	36.1
Phenanthrene	1.7	1.8	5.7

The blind field duplicate correlations of **MW-10R-1023** were within project specification of RPD ≤ 25%. No qualifications are required.

Table 4b: PAH Precision Calculations

Compound	MW-10R	FD-1022	RPD
Acenaphthene	37.5	36.8	1.9
Acenaphthylene	46.6	45.0	3.5
Fluorene	16.2	16.3	0.6
2-Methylnaphthalene	6.4	6.0	6.5
Naphthalene	431	412	4.5
Phenanthrene	2.5	2.5	0.0

Data Package Completeness

Complete NYSDEC Category B deliverables were included in the laboratory data package, all information required for validation of the data is present.

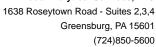
Please do not hesitate to contact me if you have comments or questions regarding this report.

Sincerely,

Bonnie Janowiak, Ph.D.

Principal Environmental Chemist, NRCC Certified

Sparowiek



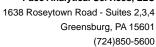


SAMPLE SUMMARY

Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30582832001	MW-2(R)-0423	Water	04/27/23 11:20	04/28/23 09:50
30582832002	MW-5R(R)-0423	Water	04/27/23 12:00	04/28/23 09:50
30582832003	MW-8R-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832004	MW-8R-MS-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832005	MW-8R-MSD-0423	Water	04/27/23 11:35	04/28/23 09:50
30582832006	MW-9-0423	Water	04/27/23 10:45	04/28/23 09:50
30582832007	MW-10R-0423	Water	04/27/23 09:55	04/28/23 09:50
30582832008	MW-11-0423	Water	04/27/23 09:50	04/28/23 09:50
30582832009	MW-12R-0423	Water	04/27/23 10:35	04/28/23 09:50
30582832010	MW-14R-0423	Water	04/27/23 09:50	04/28/23 09:50
30582832011	MW-15-0423	Water	04/27/23 12:40	04/28/23 09:50
30582832012	MW-15RS-0423	Water	04/27/23 12:00	04/28/23 09:50
30582832013	MW-17R-0423	Water	04/27/23 12:30	04/28/23 09:50
30582832014	MW-19R-0423	Water	04/27/23 11:20	04/28/23 09:50
30582832015	MW-20R-0423	Water	04/27/23 10:30	04/28/23 09:50
30582832016	FD-0423	Water	04/27/23 00:00	04/28/23 09:50
30582832017	Trip Blanks	Water	04/27/23 00:00	04/28/23 09:50



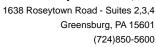


SAMPLE ANALYTE COUNT

Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30582832001	MW-2(R)-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832002	MW-5R(R)-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832003	MW-8R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	DO1, KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832004	MW-8R-MS-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832005	MW-8R-MSD-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832006	MW-9-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	DO1, KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832007	MW-10R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832008	MW-11-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832009	MW-12R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832010	MW-14R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
80582832011	MW-15-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832012	MW-15RS-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
	MW-17R-0423	EPA 8270D by SIM	DSC		PASI-PA





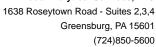
SAMPLE ANALYTE COUNT

Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832014	MW-19R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832015	MW-20R-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832016	FD-0423	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C/5030C	KGG	7	PASI-MV
		EPA 9012B	CMT	1	PASI-PA
30582832017	Trip Blanks	EPA 8260C/5030C	KGG	7	PASI-MV

PASI-MV = Pace Analytical Services - Long Island PASI-PA = Pace Analytical Services - Greensburg





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: May 11, 2023

General Information:

16 samples were analyzed for EPA 8270D by SIM by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 585422

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 2843244)
 - Acenaphthene
 - Fluorene

Matrix Spikes:

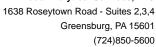
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 585422

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30582832003

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

- MSD (Lab ID: 2843246)
 - Naphthalene





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: May 11, 2023

QC Batch: 585422

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30582832003

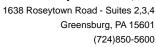
ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 2843245)
 - Acenaphthylene
 - Phenanthrene
- MSD (Lab ID: 2843246)
 - Benzo(a)anthracene
 - Benzo(k)fluoranthene
 - Fluoranthene
 - Phenanthrene
 - Pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 2843246)
 - Acenaphthylene
 - Benzo(a)anthracene
 - Benzo(a)pyrene
 - Benzo(b)fluoranthene
 - Benzo(k)fluoranthene
 - Chrysene
 - Fluoranthene
 - Phenanthrene
 - Pyrene

Additional Comments:





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: May 11, 2023

General Information:

17 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Long Island. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

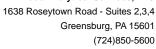
Additional Comments:

Analyte Comments:

QC Batch: 304127

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MW-8R-MS-0423 (Lab ID: 30582832004)
 - Benzene
- MW-8R-MSD-0423 (Lab ID: 30582832005)
 - Benzene





Project: NG - Ogdensburg King Street

Pace Project No.: 30582832

Method: EPA 9012B

Description: 9012B Cyanide, Total

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: May 11, 2023

General Information:

16 samples were analyzed for EPA 9012B by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9012B with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

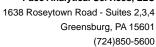
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.





SAMPLE SUMMARY

Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30632900001	MW-2(R)-1023	Water	10/18/23 13:00	10/20/23 09:10
30632900002	MW-5R(R)-1023	Water	10/18/23 12:15	10/20/23 09:10
30632900003	MW-8R-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900004	MW-8R-MS-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900005	MW-8R-MSD-1023	Water	10/18/23 12:00	10/20/23 09:10
30632900006	MW-9-1023	Water	10/18/23 11:05	10/20/23 09:10
30632900007	MW-10R-1023	Water	10/18/23 10:10	10/20/23 09:10
30632900008	MW-11-1023	Water	10/18/23 11:10	10/20/23 09:10
30632900009	MW-12R-1023	Water	10/18/23 10:20	10/20/23 09:10
30632900010	MW-14R-1023	Water	10/18/23 10:20	10/20/23 09:10
30632900011	MW-15-1023	Water	10/18/23 13:30	10/20/23 09:10
30632900012	MW-15RS-1023	Water	10/18/23 12:50	10/20/23 09:10
30632900013	MW-17R-1023	Water	10/18/23 13:00	10/20/23 09:10
30632900014	MW-19R-1023	Water	10/18/23 11:45	10/20/23 09:10
30632900015	MW-20R-1023	Water	10/18/23 11:00	10/20/23 09:10
30632900016	FD-1023	Water	10/18/23 00:00	10/20/23 09:10

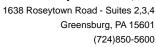


SAMPLE ANALYTE COUNT

Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30632900001	MW-2(R)-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900002	MW-5R(R)-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900003	MW-8R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900004	MW-8R-MS-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900005	MW-8R-MSD-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900006	MW-9-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900007	MW-10R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900008	MW-11-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900009	MW-12R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900010	MW-14R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900011	MW-15-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900012	MW-15RS-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
		EPA 8270D by SIM	DSC		PASI-PA





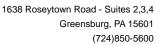
SAMPLE ANALYTE COUNT

Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900014	MW-19R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900015	MW-20R-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA
30632900016	FD-1023	EPA 8270D by SIM	DSC	19	PASI-PA
		EPA 8260C	JEW	10	PASI-PA
		EPA 9012B	CMT	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 31, 2023

General Information:

16 samples were analyzed for EPA 8270D by SIM by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 624504

SR: Surrogate recovery was below laboratory control limits. Results may be biased low.

- FD-1023 (Lab ID: 30632900016)
 - 2-Fluorobiphenyl (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

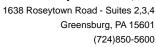
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 624504

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

- MS (Lab ID: 3044384)
 - 2-Methylnaphthalene
 - Acenaphthylene
 - Naphthalene





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8270D by SIM

Description: 8270D PAH SIM Reduced Volume

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 31, 2023

QC Batch: 624504

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

• MSD (Lab ID: 3044385)

• Naphthalene

R1: RPD value was outside control limits.

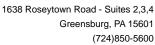
• MSD (Lab ID: 3044385)

• 2-Methylnaphthalene

• Naphthalene

• Phenanthrene

Additional Comments:





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 8260C Description: 8260C MSV

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 31, 2023

General Information:

16 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

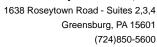
QC Batch: 624309

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.

- MS (Lab ID: 3043505)
 - Ethylbenzene
 - Toluene
 - m&p-Xylene

Additional Comments:





Project: National Grid - Ogdensburg

Pace Project No.: 30632900

Method: EPA 9012B

Description: 9012B Cyanide, Total

Client: Groundwater & Environmental Services, Inc. (Syracuse)

Date: October 31, 2023

General Information:

16 samples were analyzed for EPA 9012B by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9012B with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 625758

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30632900003,30632900015

ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 3050091)
 - Cvanide
- MSD (Lab ID: 3050092)
 - Cyanide

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.