

December 23, 2022

Ms. Meghan Kuczka Division of Environmental Remediation NYSDEC, Region 9 270 Michigan Avenue Buffalo, NY 14203-2999

Re: National Grid Dewey/Kensington Service Center (Site #915144) 2022 Annual Groundwater Monitoring Report

Dear Meghan:

Enclosed for your review is the Annual Groundwater Monitoring Report for the National Grid Dewey/Kensington Service Center Site (Site No. 915144).

The Annual Groundwater Report includes the following from the period November 1, 2021- November 1, 2022:

- Figures: Site Location Map, Site Map, and Groundwater Monitoring Map
- Tables: Groundwater Elevations and Groundwater Analytical Results Total PCBs
- Appendices: Groundwater Monitoring Field Data and Groundwater Monitoring Laboratory Data

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

Sincerely,

for SPS

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

cc: Kelly Lewandowski - NYSDEC Lisa Montesano – NG Devin T. Shay- Groundwater & Environmental Services, Inc.



National Grid

2022 Annual Groundwater Monitoring Report



National Grid Dewey/Kensington Service Center 93 Dewey Avenue, Buffalo, NY 14214 915144

December 2022

Version 2



# 2022 Annual Groundwater Monitoring Report

National Grid Dewey/Kensington Service Center 93 Dewey Avenue Buffalo, NY 14214

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

Prepared by:

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

GES Project: 0603324.142140.221

Date:

December 23, 2022

Devin T. Shay, PG Program Manager / Principal Hydrogeologist



## **Table of Contents**

1	In	troduction	. 1
		Overview	
		Background and Site Investigation History	
		Modifications to the Groundwater Monitoring Program	
2	Gı	roundwater Monitoring Activities	.4
	2.1	Groundwater Well Gauging	.4
	2.2	Groundwater Analytical Results	.4
	2.3	LNAPL Observation	. 5
	2.4	Other Operations Maintenance and Monitoring Activities	. 5
3	Sc	chedule	.5
4	Co	onclusions and Recommendations	. 7
	4.1	Conclusions	. 7
	4.2	Recommendations	. 7



### **Figures**

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3 – Groundwater Monitoring Map – June 2022

Figure 4 - Total PCBs Trend Graph - MW-1

Figure 5 - Total PCBs Trend Graph - MW-9

#### **Tables**

Table 1 – Consecutive Exceedances at Sampling Events

Table 2 - Site Wells

Table 3 – Groundwater Elevations

Table 4 – Groundwater Analytical Results - Total PCBs

Table 5 - Groundwater Analytical Results - VOCs

## **Appendices**

Appendix A – Groundwater Monitoring Field Data

Appendix B – Purge Water Disposal Manifest

Appendix C – Groundwater Monitoring Laboratory Data

Appendix D - Site Inspection Forms - 2022



### **Acronyms**

AWQS Ambient Water Quality Standards

CMS Corrective Measures Study

FRA Focused Risk Assessment

GES Groundwater & Environmental Services, Inc.

LNAPL Light Non-Aqueous Phase Liquid

MW Monitoring Well

NYSDEC New York State Department of Environmental Conservation

PCB Polychlorinated Biphenyl

RCRA Resource Conservation and Recovery Act

RFA RCRA Facility Assessment

SAP (Groundwater) Sampling and Analysis Plan

SGS SGS North America, Inc.

SWMU Solid Waste Management Unit

TOGS Technical and Operational Guidance Series

UST Underground Storage Tank

VOC Volatile Organic Compound



#### 1 Introduction

#### 1.1 Overview

This annual report presents the results of the groundwater sampling and analysis activities conducted by Groundwater and Environmental Services, Inc. (GES) at the National Grid Dewey/Kensington Service Center in Buffalo, New York (the site). These activities were completed as part of ongoing investigations of a former underground storage tank (UST), identified as Solid Waste Management Unit (SWMU) #7. The June 2022 groundwater monitoring event was conducted in conformance with the Order on Consent (Consent Order) Index Number R9-4407-96-09, dated November 19, 1997, between National Grid and the New York State Department of Environmental Conservation (NYSDEC) to monitor the potential migration of impacted groundwater associated with SWMU #7. As further discussed in Section 1.3, the SWMU #7 groundwater monitoring program was modified as identified in NYSDEC's July 22, 2003 letter, which presents comments on the 2002 Soil Investigation and Spring/Fall 2002 Groundwater Monitoring Report.

#### 1.2 Background and Site Investigation History

The Dewey/Kensington Service Center is an active facility located at 144 Kensington Avenue between Dewey and Kensington Avenues in Buffalo, New York (see **Figure 1**). The service center previously included a hazardous waste management facility permitted by NYSDEC (Part 373 Permit No. 9-1402-00397/00001-0). The hazardous waste management facility was closed in December 1992 in accordance with a NYSDEC-approved closure plan.

In September 1992, excavation activities at the facility in the vicinity of Building #13 revealed petroleum-impacted gravel and a broken vent line connected to an underground waste oil tank. The waste oil tank was subsequently removed, and four groundwater monitoring wells (ESI-1, ESI-2, ESI-3, and ESI-4) were installed in the vicinity of the former tank to supplement an existing monitoring well (MW-1) and to facilitate periodic groundwater monitoring in this area. **Figure 2** illustrates relevant site features and the locations of soil borings and monitoring wells.

In February 1994, National Grid agreed to conduct a focused Resource Conservation and Recovery Act (RCRA) Facility Assessment- (RFA-) type soil and groundwater investigation, and a Focused Risk Assessment/ Corrective Measures Study (FRA/CMS) to address the concerns identified by the RFA.

During fall 1994, National Grid conducted soil and groundwater investigation activities in accordance with the NYSDEC-approved *Soil and Groundwater Investigation Work Plan* (1994). These investigations showed the presence of several volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs) in groundwater at concentrations above NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 – *Ambient Water Quality Standards and Guidance Values* (NYSDEC, 1998, amended 2000). Based on these results, NYSDEC requested implementation of the quarterly groundwater monitoring program proposed in the *SWMU #7 Soil/Groundwater Investigation Report* (1994).



The SWMU #7 Focused Risk Assessment and Corrective Measures Study Report (FRA/CMS Report) (1995, revised 1996) concluded that the limited action alternative (i.e., implementing a groundwater monitoring program) would adequately meet the corrective measure objective of mitigating the offsite migration of impacted groundwater. Following the initial submittal of the FRA/CMS Report, a Groundwater Sampling and Analysis Plan (SAP) (1996) was submitted to NYSDEC in May 1996. The May 1996 SAP was then revised based upon NYSDEC comments, and the revised SAP for the groundwater monitoring program was presented in the revised FRA/CMS Report dated June 1996.

In November 1997, National Grid entered into a Consent Order with NYSDEC to guide future site monitoring and to establish a framework for implementing additional site investigation or remediation. As mandated in the Consent Order, semi-annual (spring and fall) groundwater monitoring events are conducted at SWMU #7 monitoring wells. The list of wells sampled during each groundwater monitoring event has been modified through time in response to NYSDEC requirements and the results of investigation/evaluation activities, as agreed to by NYSDEC.

The Consent Order specifies that a contingency plan must be implemented to evaluate additional remedial activities if analytical results from monitoring wells located at the property boundary indicate an exceedance of NYSDEC groundwater quality standards presented in TOGS 1.1.1 for two consecutive monitoring events. The monitoring wells designated as property boundary wells have changed, as new monitoring wells have been installed as part of the contingency plan implementation. For example, monitoring wells MW-7 and MW-9 were designated as property boundary wells in the Consent Order. In 1999, the property boundary wells included monitoring wells MW-6, MW-7, MW-11, MW-12, and MW-14. The current property boundary well arrangement includes monitoring wells MW-6, MW-11, MW-12, MW-20, MW-21, and MW-24 (installed spring 2002). Refer to **Figure 2** for well locations.

**Table 1** below summarizes instances when groundwater samples from two consecutive groundwater sampling events exhibited the presence of constituents in groundwater above TOGS standards and guidance values in the property boundary wells. The table also presents the corresponding NYSDEC-approved contingency plan activities that were conducted in response to such instances.



Table 1 – Consecutive Exceedances at Sampling Events

Consecutive Sampling Events with Property Boundary Well TOGS Standards and Guidance Value Exceedances	Corresponding Contingency Plan Activity
Fall 1997 and Spring 1998: PCBs in groundwater samples collected from monitoring well MW-9.	Conducted MW-9 supplemental investigation, including installing additional monitoring wells MW-13, MW-14, and MW-15 in October 1998.
Spring 1999 and Fall 1999: PCBs in groundwater samples collected from monitoring wells MW-9 and MW-14.	Conducted supplemental site investigation, including research of site history and installing additional monitoring wells MW-16, MW-17, MW-18, MW-19, MW-20, and MW-21 in August and September 2000.
Fall 2000 and Spring 2001: PCBs in groundwater samples collected from monitoring wells MW-9 and MW-14.	Conducted 2002 soil investigation, including advancing soil borings (SB-101, MW-22, SB-102, SB-103, SB-104, SB-105, SB-106, MW-23, and SB-107), installing monitoring wells (MW-22, MW-23, and MW-24) and sampling and fingerprint analysis of light non-aqueous phase liquid (LNAPL) in monitoring well ESI-1.

On October 3, 2011, National Grid received official notification that the site was deleted from the New York State Registry of Inactive Hazardous Waste Disposal Sites (letter from Ms. Kelly Lewandowski, NYSDEC Chief Site Control Section, to Mr. Chuck Willard, NG SIR Director).

#### 1.3 Modifications to the Groundwater Monitoring Program

In the 2002 Investigation Report, modifications to the SWMU #7 groundwater monitoring program were recommended. The recommendations were based on the results of the 2002 soil investigation, the 2002 groundwater monitoring events, a review of previous soil and groundwater results, and LNAPL fingerprinting. NYSDEC approved the recommendations presented in the 2002 Report (with select modifications) in a July 22, 2003 letter to National Grid. The recommendations, inclusive of NYSDEC's modifications, were as follows:

- Discontinue VOC analysis except at monitoring wells ESI-1 and MW-16. LNAPL (if present) in monitoring well ESI-1 will be removed. If LNAPL is not present for three consecutive monitoring events in monitoring well ESI-1, groundwater will be sampled and analyzed for VOCs annually. To monitor the conditions downgradient of monitoring well ESI-1, groundwater from monitoring well MW-16 will be sampled and analyzed for VOCs annually. If VOCs are detected in groundwater at MW-16, additional VOC analysis will be required from monitoring wells located downgradient of MW-16.
- Discontinue lead analysis for all monitoring wells.
- Continue PCB analysis at select monitoring wells (i.e., the property boundary wells, MW-1, and MW-9).
- Discontinue data validation (for all groundwater samples collected) for every groundwater monitoring event.



• Continue to sample and measure groundwater levels from the monitoring wells, as summarized in Section 3 - Schedule.

Per NYSDEC's letter to National Grid dated July 27, 2011, semi-annual groundwater sampling events will continue. However, both monitoring events will be documented in a single annual report to be submitted in the fall of each year.

Per NYSDEC's letter to National Grid dated December 5, 2017, the groundwater sampling frequency will be reduced to one annual event. Site inspections are conducted semi-annually.

### 2 Groundwater Monitoring Activities

#### 2.1 Groundwater Well Gauging

For the event conducted on June 13, 14, and 15, 2022, static groundwater levels (presented in **Table 3**) were measured prior to groundwater sample collection to evaluate groundwater flow direction. Groundwater levels were obtained from 19 of the groundwater monitoring wells associated with SWMU #7 (MW-1, MW-2, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-15, MW-16, MW-17, MW-19, MW-20, MW-21, MW-24, MW-25, and ESI-1).

The groundwater flow direction is generally toward the east. Refer to **Figure 3** for the general groundwater flow direction.

#### 2.2 Groundwater Analytical Results

For the June 2022 event, eight (8) groundwater samples were analyzed for PCBs and one (1) sample was analyzed for volatile organic compounds (VOCs) by SGS North America, Inc. (SGS), in Dayton, New Jersey. In addition, field measurements of pH, temperature, conductivity, dissolved oxygen, turbidity, and oxidation-reduction potential were obtained prior to sample collection. The groundwater monitoring field data is included in **Appendix A**.

Eight monitoring wells (MW-1, MW-6, MW-9, MW-11, MW-12, MW-20, MW-21, and MW-24) were sampled and analyzed for PCBs during the June 2022 event. Analytical results were compared to the New York State ambient water quality standards (AWQS) and guidance values and groundwater effluent limitations presented in TOGS 1.1.1 (0.09 micrograms per liter for total PCBs).

For the June 2022 sampling event, PCBs were detected in two (2) of the eight (8) groundwater samples collected from site groundwater monitoring wells (0.20 micrograms per liter [ug/L] in the sample collected from MW-1 and 0.47 ug/L from MW-9). Monitoring wells MW-1 and MW-9 have consistently had detections of total PCBs since sampling was initiated in May 1998, and trend graphs showing the total concentrations over time are presented as **Figure 4** and **Figure 5**.

The groundwater sample collected from monitoring well MW-16 was analyzed for VOCs, and there we no detections above reporting limits for any analyte.



Purge water was collected during the sampling event and containerized in a 55-gallons drum. Purge water was disposed of off-site at a National Grid approved disposal facility. Purge water disposal receipts are included as **Appendix B**.

Total PCB results from the groundwater monitoring events are presented in **Table 4**, and VOC results are provided on **Table 5**. **Appendix C** presents the laboratory analytical reports.

#### 2.3 LNAPL Observation

Prior to groundwater purging and sample collection activities, each monitoring well was gauged with an oil/water interface probe to measure the presence or absence of LNAPL. Measurable LNAPL was not detected in any of the monitoring wells during the June 2022 event, however a trace of LNAPL was detected in well ESI-1.

#### 2.4 Other Operations Maintenance and Monitoring Activities

During the annual groundwater sampling event, the sorbent boom was checked at monitoring well ESI-1. The boom was changed out during the June sampling event. The spent boom was placed in the facility's PCB waste collection drum for disposal at a National Grid approved facility. Site inspections were completed bi-annually on March 3, June 15, and September 21 2022.

#### 3 Schedule

Based on the results of the groundwater monitoring program and the recommendations presented in the 2002 Investigation Report (subsequently modified by the NYSDEC's July 22, 2003 response letter); the modified groundwater monitoring program, consisting of an annual (spring) groundwater monitoring event, will be continued. The scope of the monitoring program is summarized in the following table.

Table 2 – Site Wells
Scope of work at each site well

Monitoring Wells for Continued Groundwater Sampling	Monitoring Wells for Groundwater Level Measurement Only
ESI-1 (VOC analysis) *	MW-2
MW-1 (PCB analysis) ***	MW-5
MW-6 (PCB analysis) ***	MW-7
MW-9 (PCB analysis) ***	MW-10
MW-11 (PCB analysis) ***	MW-13
MW-12 (PCB analysis) ***	MW-15
MW-16 (VOC analysis) ***	MW-17
MW-20 (PCB analysis) ***	MW-19
MW-21 (PCB analysis) ***	MW-25
MW-24 (PCB analysis) ***	



#### Notes:

- \* One groundwater sample will be collected from monitoring well ESI-1 only if LNAPL is not present for three consecutive sampling events.
- \*\*\* Monitoring well will be sampled once a year.

The next annual groundwater monitoring event is scheduled for June 2023. Reporting will be annual (submitted after the fall event) as part of the Periodic Review Report.



#### 4 Conclusions and Recommendations

#### 4.1 Conclusions

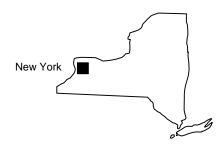
Eight monitoring wells were sampled and analyzed for PCBs in June 2022 (MW-1, MW-6, MW-9, MW-11, MW-12, MW-20, MW-21, and MW-24). For the June 2022 sampling event, PCBs were detected in the groundwater samples collected from two (2) of the eight (8) site groundwater monitoring wells (MW-1 and MW-9). One (1) monitoring well (MW-16) was analyzed for VOCs, and there were no detections above the reporting limits.

#### 4.2 Recommendations

At this time, no changes to the annual site sampling plan are proposed.



## **Figures**

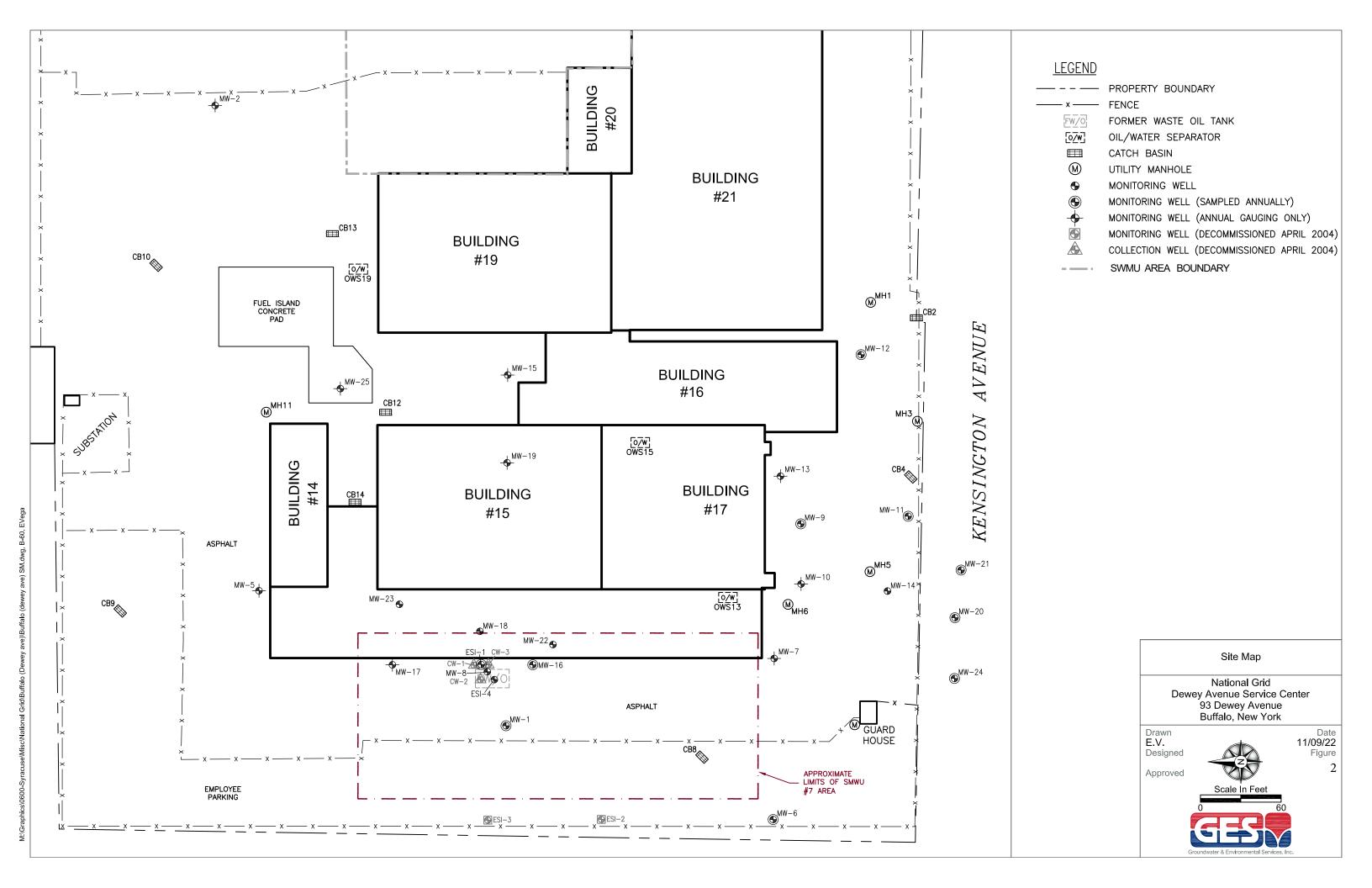


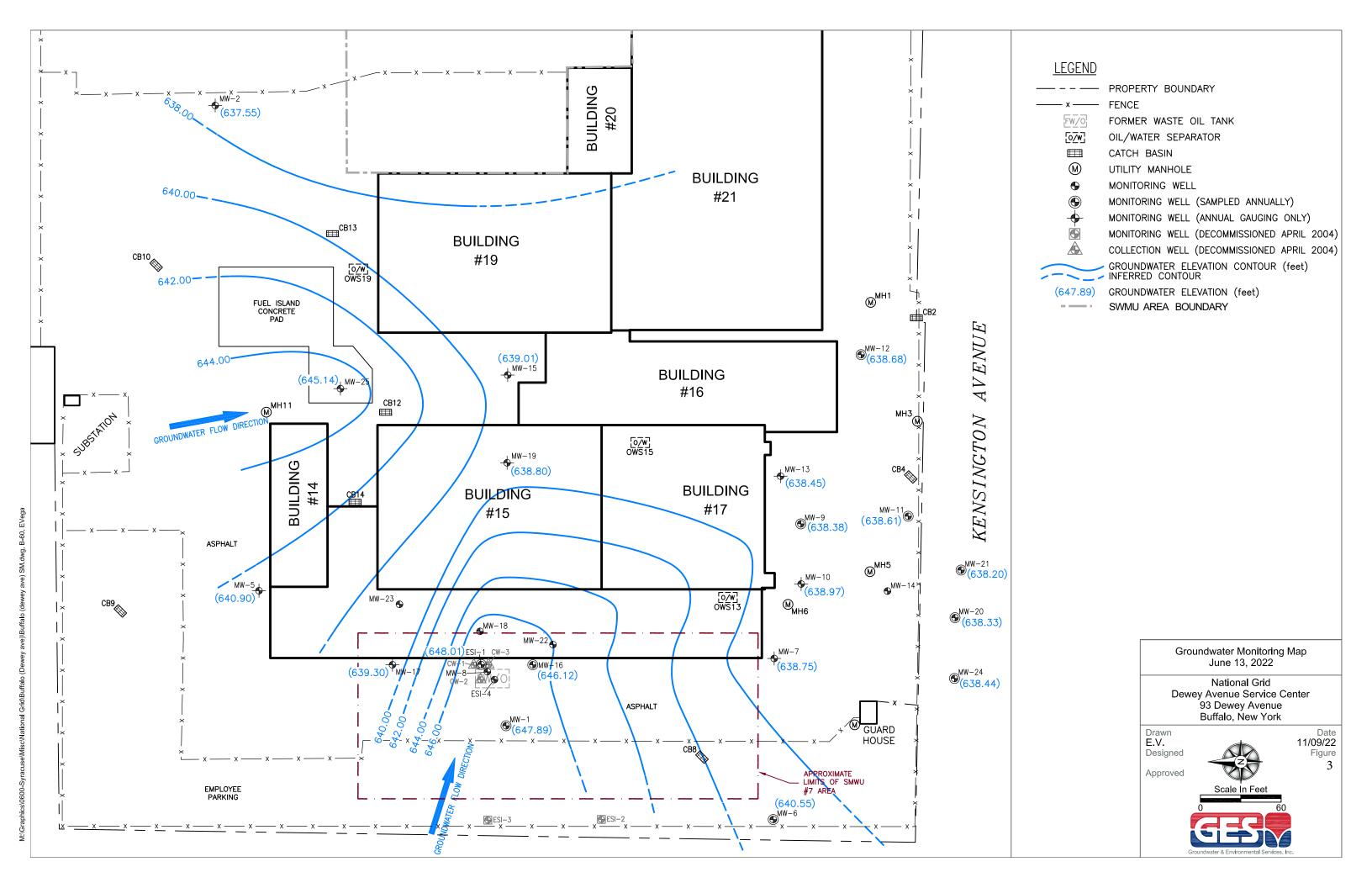
QUADRANGLE LOCATION

#### Site Location Map

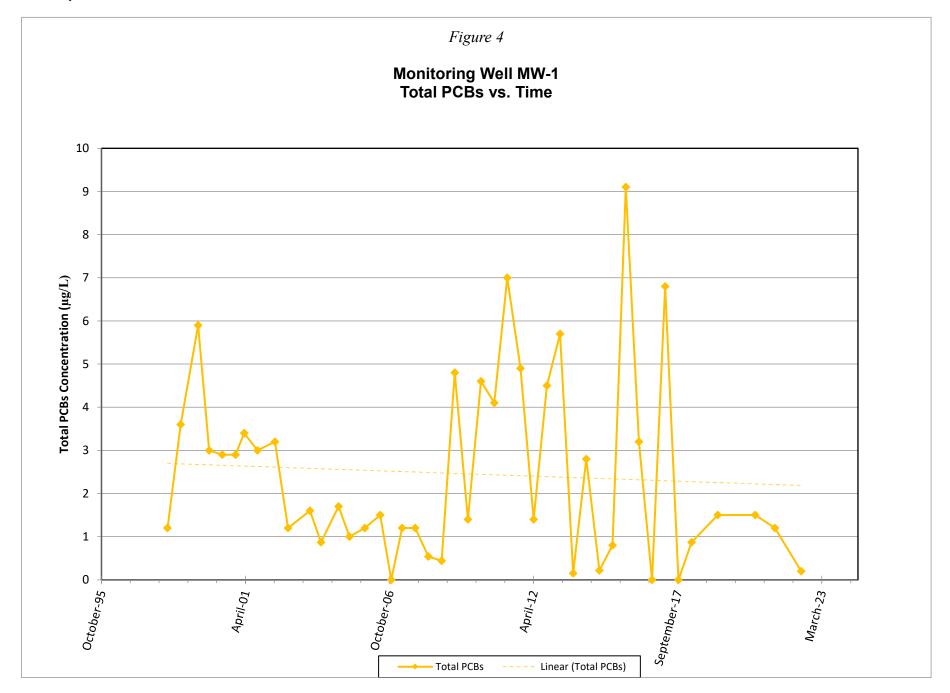
National Grid Dewey Avenue Service Center 93 Dewey Avenue Buffalo, New York



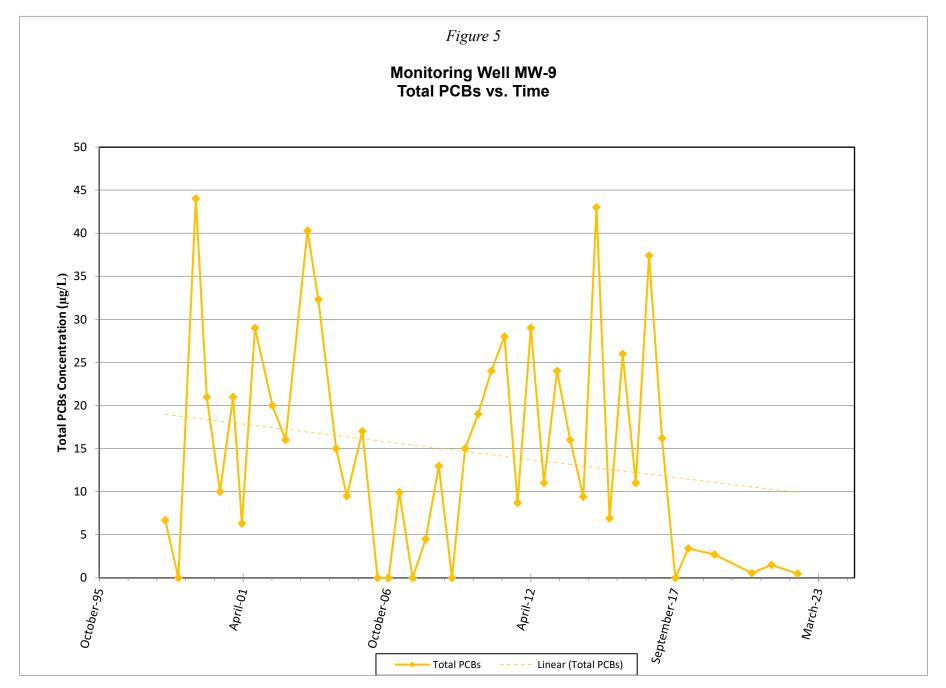














## **Tables**



Table 3
Groundwater Elevations

Well ID	TOC Elevation (ft AMSL)	Depth to Well Bottom (ft BTOC)	Well Bottom Elev. (ft AMSL)	June 2006 DTW (ft BTOC)	June 2006 Potentiometric Surface Elev. (ft AMSL)	November 2006 DTW (ft BTOC)	November 2006 Potentiometric Surface Elev. (ft AMSL)	April 2007 DTW (ft BTOC)	April 2007 Potentiometric Surface Elev. (ft AMSL)	October 2007 DTW (ft BTOC)	October 2007 Potentiometric Surface Elev. (ft AMSL)	April 2008 DTW (ft BTOC)	April 2008 Potentiometric Surface Elev. (ft AMSL)	October 2008 DTW (ft BTOC)	October 2008 Potentiometric Surface Elev. (ft AMSL)
MW-1	650.76	29.90	620.86	3.38	647.38	3.20	647.56	2.80	647.96	3.37	647.39	2.95	647.81	3.50	647.26
MW-2	650.55	44.17	606.38	-	-		-			-	-		-	-	-
MW-5	651.65	21.40	630.25	11.40	640.25	12.30	639.35	11.42	640.23	12.95	638.70	11.41	640.24	13.47	638.18
MW-6	650.25	21.05	629.20	10.90	639.35	11.50	638.75	7.42	642.83	10.82	639.43	9.92	640.33	10.40	639.85
MW-7	650.02	21.30	628.72	11.91	638.11	11.73	638.29	10.78	639.24	11.92	638.10	11.04	638.98	12.10	637.92
MW-9	648.95	22.05	626.90	10.98	637.97	10.66	638.29	10.80	638.15	10.62	638.33	10.25	638.70	11.02	637.93
MW-10	649.46	24.25	625.21	11.10	638.36	9.45	640.01	9.80	639.66	10.46	639.00	10.49	638.97	10.82	638.64
MW-11	647.11	20.22	626.89	8.75	638.36	8.56	638.55	8.07	639.04	8.82	638.29	8.43	638.68	8.68	638.43
MW-12	646.90	19.55	627.35	8.60	638.30	8.47	638.43	7.89	639.01	8.58	638.32	8.12	638.78	8.00	638.90
MW-13	650.05	26.25	623.80	11.85	638.20	11.50	638.55	10.10	639.95	11.70	638.35	11.40	638.65	11.83	638.22
MW-15	651.88	23.80	628.08	12.42	639.46	12.19	639.69	9.62	642.26	12.94	638.94	12.68	639.20	13.25	638.63
MW-16	651.72	20.36	631.36	8.58	643.14	7.30	644.42	8.00	643.72	6.95	644.77	7.87	643.85	6.79	644.93
MW-17	651.76	20.60	631.16	12.52	639.24	12.96	638.80	13.27	638.49	12.93	638.83	13.72	638.04	13.05	638.71
MW-19	651.69	24.00	627.69	12.90	638.79	12.85	638.84	12.20	639.49	13.00	638.69	12.70	638.99	13.05	638.64
MW-20	646.76	22.60	624.16	8.86	637.90	8.64	638.12	8.05	638.71	8.92	637.84	8.38	638.38	8.88	637.88
MW-21	646.70	21.85	624.85	8.42	638.28	8.40	638.30	7.98	638.72	8.85	637.85	8.04	638.66	8.68	638.02
MW-24	647.01	24.25	622.76	9.00	638.01	8.69	638.32	8.08	638.93	8.88	638.13	8.47	638.54	8.95	638.06
MW-25	651.56	15.36		-	-	-			-	-	-		-	7.25	-
ESI-1	651.66	21.50	630.16	4.00 (3.98)**	647.66 (647.68)**	4.00	647.66	3.50	648.16	4.10	647.56	3.66	648.00	4.28	647.38



Table 3
Groundwater Elevations

Well ID	April 2009 DTW (ft BTOC)	April 2009 Potentiometric Surface Elev. (ft AMSL)	October 2009 DTW (ft BTOC)	October 2009 Potentiometric Surface Elev. (ft AMSL)	April 2010 DTW (ft BTOC)	April 2010 Potentiometric Surface Elev. (ft AMSL)	October 2010 DTW (ft BTOC)	October 2010 Potentiometric Surface Elev. (ft AMSL)	April 2011 DTW (ft BTOC)	April 2011 Potentiometric Surface Elev. (ft AMSL)	October 2011 DTW (ft BTOC)	October 2011 Potentiometric Surface Elev. (ft AMSL)	April 2012 DTW (ft BTOC)	April 2012 Potentiometric Surface Elev. (ft AMSL)
MW-1	2.85	647.91	3.00	647.76	2.95	647.81	2.95	647.81	2.85	647.91	3.07	647.69	3.41	647.35
MW-2	-			-				•			15.26	635.29	12.75	637.80
MW-5	12.00	639.65	11.48	640.17	10.60	641.05	11.10	640.55	10.68	640.97	11.55	640.10	11.72	639.93
MW-6	7.85	642.40	10.60	639.65	8.90	641.35	8.50	641.75	6.90	643.35	10.20	640.05	10.10	640.15
MW-7	10.38	639.64	11.23	638.79	10.88	639.14	11.13	638.89	9.46	640.56	11.56	638.46	11.69	638.33
MW-9	9.98	638.97	10.63	638.32	10.45	638.50	10.15	638.80	9.70	639.25	10.76	638.19	11.02	637.93
MW-10	10.40	639.06	10.75	638.71	10.46	639.00	10.20	639.26	9.48	639.98	10.39	639.07	10.88	638.58
MW-11	8.15	638.96	8.44	638.67	8.52	638.59	8.57	638.54	7.80	639.31	8.76	638.35	8.98	638.13
MW-12	7.68	639.22	8.10	638.80	8.02	638.88	7.75	639.15	7.60	639.30	8.42	638.48	8.50	638.40
MW-13	11.03	639.02	11.45	638.60	11.40	638.65	11.12	638.93	10.66	639.39	11.65	638.40	11.95	638.10
MW-15	11.78	640.10	12.50	639.38	12.40	639.48	11.75	640.13	11.58	640.30	12.81	639.07	13.35	638.53
MW-16	6.26	645.46	6.00	645.72	5.20	646.52	5.67	646.05	6.45	645.27	5.40	646.32	6.65	645.07
MW-17	12.25	639.51	12.11	639.65	12.20	639.56	11.67	640.09	11.57	640.19	11.86	639.90	12.80	638.96
MW-19	11.96	639.73	12.70	638.99	12.55	639.14	12.22	639.47	11.08	640.61	12.82	638.87	13.27	638.42
MW-20	7.95	638.81	8.40	638.36	8.25	638.51	8.12	638.64	7.55	639.21	8.48	638.28	8.73	638.03
MW-21	7.93	638.77	8.15	638.55	8.20	638.50	8.06	638.64	7.65	639.05	8.35	638.35	8.80	637.90
MW-24	8.00	639.01	8.55	638.46	8.32	638.69	8.22	638.79	7.60	639.41	8.53	638.48	8.80	638.21
MW-25	7.02	•	7.18	-	7.20		7.03	-	7.20	-	7.20	-	7.20	
ESI-1	3.55	648.11	3.70	647.96	3.60	648.06	3.55	648.11	3.68	647.98	3.94	647.72	4.18	647.48



Table 3
Groundwater Elevations

Well ID	October 2012 DTW (ft BTOC)	October 2012 Potentiometric Surface Elev. (ft AMSL)	April 2013 DTW (ft BTOC)	April 2013 Potentiometric Surface Elev. (ft AMSL)	October 2013 DTW (ft BTOC)	October 2013 Potentiometric Surface Elev. (ft AMSL)	April 2014 DTW (ft BTOC)	April 2014 Potentiometric Surface Elev. (ft AMSL)	October 2014 DTW (ft BTOC)	October 2014 Potentiometric Surface Elev. (ft AMSL)	April 2015 DTW (ft BTOC)	April 2015 Potentiometric Surface Elev. (ft AMSL)	October 2015 DTW (ft BTOC)	October 2015 Potentiometric Surface Elev. (ft AMSL)
MW-1	3.30	647.46	3.02	647.74	3.23	647.53	3.02	647.74	3.82	646.94	2.90	647.86	2.98	647.78
MW-2	12.20	638.35	11.62	638.93	11.42	639.13	11.30	639.25	15.40	635.15	14.60	635.95	13.00	637.55
MW-5	11.25	640.40	10.89	640.76	11.58	640.07	9.62	642.03	12.53	639.12	9.81	641.84	12.92	638.73
MW-6	9.90	640.35	7.58	642.67	8.25	642.00	7.95	642.30	11.15	639.10	8.46	641.79	10.30	639.95
MW-7	10.88	639.14	10.31	639.71	11.30	638.72	9.58	640.44	11.98	638.04	10.30	639.72	11.82	638.20
MW-9	10.58	638.37	10.07	638.88	10.00	638.95	9.75	639.20	11.16	637.79	10.26	638.69	10.70	638.25
MW-10	10.76	638.70	9.57	639.89	10.51	638.95	10.08	639.38	Not Gauged	Not Gauged	10.05	639.41	10.80	638.66
MW-11	8.14	638.97	8.12	638.99	8.25	638.86	7.95	639.16	8.80	638.31	8.23	638.88	8.55	638.56
MW-12	8.24	638.66	7.91	638.99	8.04	638.86	7.73	639.17	8.90	638.00	8.00	638.90	8.41	638.49
MW-13	11.50	638.55	11.05	639.00	11.31	638.74	10.86	639.19	12.17	637.88	11.75	638.30	11.76	638.29
MW-15	12.47	639.41	12.21	639.67	12.22	639.66	12.08	639.80	13.62	638.26	12.50	639.38	13.00	638.88
MW-16	6.50	645.22	5.75	645.97	4.82	646.90	5.55	646.17	6.06	645.66	5.75	645.97	5.25	646.47
MW-17	12.37	639.39	11.75	640.01	12.45	639.31	11.23	640.53	12.19	639.57	10.87	640.89	13.08	638.68
MW-19	12.63	639.06	12.26	639.43	12.52	639.17	12.50	639.19	13.56	638.13	12.49	639.20	13.03	638.66
MW-20	8.82	637.94	7.80	638.96	8.20	638.56	7.80	638.96	9.00	637.76	8.12	638.64	8.22	638.54
MW-21	8.34	638.36	7.80	638.90	8.20	638.50	7.80	638.90	8.72	637.98	8.14	638.56	8.86	637.84
MW-24	8.40	638.61	7.90	639.11	8.30	638.71	7.92	639.09	9.13	637.88	8.22	638.79	8.80	638.21
MW-25	7.20	-	7.20	644.36	7.20	-	7.20	-	7.20	-	7.20	-	7.20	-
ESI-1	4.40	647.26	4.00	647.66	4.20	647.46	3.80	647.86	4.60	647.06	3.66	648.00	3.80	647.86



Table 3 **Groundwater Elevations** 

Well ID	April 2016 DTW (ft BTOC)	April 2016 Potentiometric Surface Elev. (ft AMSL)	October 2016 DTW (ft BTOC)	October 2016 Potentiometric Surface Elev. (ft AMSL)	April 2017 DTW (ft BTOC)	April 2017 Potentiometric Surface Elev. (ft AMSL)	October 2017 DTW (ft BTOC)	October 2017 Potentiometric Surface Elev. (ft AMSL)	April 2018 DTW (ft BTOC)	April 2018 Potentiometric Surface Elev. (ft AMSL)	April 2019 DTW (ft BTOC)	April 2019 Potentiometric Surface Elev. (ft AMSL)	September 2020 DTW (ft BTOC)	September 2020 Potentiometric Surface Elev. (ft AMSL)	June 2021 DTW (ft BTOC)	June 2021 Potentiometric Surface Elev. (ft AMSL)	June 2022 DTW (ft BTOC)	June 2022 Potentiometric Surface Elev. (ft AMSL)
MW-1	2.82	647.94	3.52	647.24	2.92	647.84	3.22	647.54	2.72	648.04	2.89	647.87	3.68	647.08	3.87	646.89	2.87	647.89
MW-2	12.54	638.01	Not Gauged	Not Gauged	13.82	636.73	13.38	637.17	12.08	638.47	13.29	637.26	12.75	637.80	12.50	638.05	13.00	637.55
MW-5	10.60	641.05	13.75	637.90	10.49	641.16	13.51	638.14	9.98	641.67	9.90	641.75	12.37	639.28	11.25	640.40	10.75	640.90
MW-6	8.85	641.40	10.21	640.04	8.86	641.39	10.20	640.05	7.30	642.95	7.38	642.87	10.25	640.00	9.95	640.30	9.70	640.55
MW-7	10.51	639.51	11.60	638.42	Not Gauged	Not Gauged	11.58	638.44	9.77	640.25	9.97	640.05	11.84	638.18	11.62	638.40	11.27	638.75
MW-9	10.45	638.50	10.84	638.11	10.78	638.17	10.90	638.05	10.20	638.75	10.20	638.75	11.03	637.92	10.94	638.01	10.57	638.38
MW-10	9.92	639.54	10.36	639.10	10.31	639.15	10.70	638.76	9.42	640.04	9.35	640.11	10.55	638.91	10.75	638.71	10.49	638.97
MW-11	8.30	638.81	8.71	638.40	8.47	638.64	8.34	638.77	8.25	638.86	8.12	638.99	8.53	638.58	8.81	638.30	8.50	638.61
MW-12	8.24	638.66	8.64	638.26	8.43	638.47	8.65	638.25	8.04	638.86	7.92	638.98	8.74	638.16	8.69	638.21	8.22	638.68
MW-13	11.46	638.59	11.82	638.23	11.88	638.17	11.93	638.12	11.20	638.85	11.15	638.90	12.00	638.05	11.87	638.18	11.60	638.45
MW-15	12.88	639.00	12.95	638.93	13.13	638.75	13.18	638.70	12.52	639.36	12.37	639.51	13.31	638.57	13.25	638.63	12.87	639.01
MW-16	6.00	645.72	5.52	646.20	6.40	645.32	15.50	636.22	5.68	646.04	5.90	645.82	5.74	645.98	5.95	645.77	5.60	646.12
MW-17	13.05	638.71	12.50	639.26	12.15	639.61	12.45	639.31	11.75	640.01	11.45	640.31	12.54	639.22	11.80	639.96	12.46	639.30
MW-19	12.83	638.86	13.00	638.69	13.00	638.69	13.60	638.09	12.42	639.27	12.42	639.27	13.32	638.37	13.62	638.07	12.89	638.80
MW-20	8.40	638.36	8.65	638.11	8.60	638.16	8.78	637.98	7.98	638.78	7.80	638.96	8.84	637.92	8.95	637.81	8.43	638.33
MW-21	8.28	638.42	8.61	638.09	8.55	638.15	8.70	638.00	8.00	638.70	7.92	638.78	8.70	638.00	9.03	637.67	8.50	638.20
MW-24	8.52	638.49	8.80	638.21	8.75	638.26	8.83	638.18	8.10	638.91	8.00	639.01	9.00	638.01	9.10	637.91	8.57	638.44
MW-25	6.71		6.65	-	6.88	-	6.88	-	6.42	-	5.39	-	6.98		6.60	ı	6.42	645.14
ESI-1	3.55	648.11	4.20	647.46	3.78	647.88	4.00	647.66	3.30	648.36	3.60	648.06	4.50	647.16	4.60	647.06	3.65	648.01

TOC AMSL DTW BTOC

= Top of Well Casing
= Above Mean Sea Leve
= Depth to Water
= Below Top of Casing
= Light non-aqueous phase liquid (LNAPL) observed in ESI-1 only. Numbers in parentheses present depths and elevations to LNAPL
= MW-2 is typically inaccessible due to staged equipment.
= Depth is unknown

MW-25 was surveyed in February 2022, with a TOC elevation of 651.56 ft AMS



#### Table 4

#### **Analytical Data**

Total PCBs Concentrations in µg/L

	NYSDEC AWQS								
Date	μg/L]	MW-1	MW-6	MW-9	MW-11	MW-12	MW-20	MW-21	MW-24
June 2022	0.09	0.20	ND	0.47	ND	ND	ND	ND	ND
June 2021	0.09	1.2	ND	1.5	ND	ND	ND	ND	ND
September 2020	0.09	1.5	ND	0.55	ND	ND	ND	ND	ND
April 2019	0.09	1.5	ND	2.7	ND	ND	ND	ND	ND
April 2018	0.09	0.87	ND	3.4	ND	ND	ND	ND	ND
October 2017	0.09	ND	ND	ND	ND	ND	ND	ND	ND
April 2017	0.09	6.8 J	ND	16.2	ND	ND	ND	ND	ND
October 2016	0.09	ND	ND	37.4	ND	ND	ND	ND	ND
April 2016	0.09	3.2	ND	11	ND	ND	ND	ND	ND
October 2015	0.09	9.10	ND	26	ND	ND	0.053	ND	ND
April 2015	0.09	0.8	ND	6.9	ND	ND	ND	ND	ND
October 2014	0.09	0.22	ND	43	ND	ND	ND	ND	ND
April 2014	0.09	2.8	ND	9.4	ND	ND	ND	ND	ND
October 2013	0.09	0.15	ND	16.0	0.10	ND	ND	ND	ND
April 2013	0.09	5.7	ND	24.0	ND	ND	ND	ND	ND
October 2012	0.09	4.5	0.16	11.0	ND	ND	ND	ND	0.051
April 2012	0.09	1.4	ND	29.0	ND	ND	ND	ND	ND
October 2011	0.09	4.9	ND	8.7	ND	ND	ND	ND	ND
April 2011	0.09	7.0	ND	28.0	ND	ND	ND	ND	ND
October 2010	0.09	4.1	ND	24.0	ND	ND	ND	ND	ND
April 2010	0.09	4.6	ND	19.0	ND	ND	ND	ND	ND
October 2009	0.09	1.4 QSU	ND	15 QSU, D08	ND	ND	ND	ND	ND
April 2009	0.09	4.8	1.1	ND	ND	ND	ND	ND	ND
October 2008	0.09	0.44	ND	13	0.44	ND	ND	ND	ND
April 2008	0.09	0.54	ND	4.5	ND	0.01	ND	ND	ND
October 2007	0.09	1.2	ND	ND	ND	ND	ND	ND	ND
April 2007	0.09	1.2	ND	9.9	ND	ND	ND	ND	ND
November 2006	0.09	ND	ND	ND	ND	ND	ND	ND	ND
June 2006	0.09	1.5	ND	ND	ND	ND	ND	ND	ND
November 2005	0.09	1.2	ND	17	ND	ND	ND	ND	ND
April 2005	0.09	1	ND	9.5	ND	ND	ND	ND	ND
November 2004	0.09	1.7 P	ND	15	ND	ND	ND	ND	ND
March 2004	0.09	0.87 P	ND	32.3 P	ND	ND	ND	ND	ND
October 2003	0.09	1.6	ND	40.3 PJ	ND	ND	ND	ND	ND
December 2002	0.09	1.2	ND	16	ND	ND	ND	ND	ND
June 2002	0.09	3.2 J	ND	20 J	ND	ND	ND	ND	ND
October 2001	0.09	3.0 J	ND	29 J	ND	ND	ND	ND	NS
April 2001	0.09	3.4	NS	6.3	ND	ND	ND	ND	NS
December 2000	0.09	2.9 J	NS	21 J	ND	ND	ND	ND	NS
June 2000	0.09	2.9	NS	10 J	ND	ND	NS	NS	NS
December 1999	0.09	3.0 J	NS	21 J	ND	ND	NS	NS	NS
July 1999	0.09	5.9 J	NS	44 J	ND	ND	NS	NS	NS
November 1998	0.09	3.6	NS	ND	ND	ND	NS	NS	NS
May 1998	0.09	1.2	NS	6.7	NS	NS	NS	NS	NS

NYSDEC = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards

J = Estimated Concentration

= Greater than 25% difference for detected concentration between two GC columns.

QSU = Sulfur (EPA 3660) clean-up performed on extract.

D08 = Dilution required due to high concentration of target analyte(s).

ND = Not Detected above detection limit.

NS = Not Sampled.

**Bolded** = values indicate exceedance of the NYSDEC AWQS



#### Table 5

#### **Analytical Data**

MW-16

Volatile Organic Compound Concentraions in  $\mu g/L$ 

Analyte	NYSDEC AWQS [μg/L]	6/13/2022
Acetone	50	ND
Benzene	1	ND
Bromochloromethane		ND
Bromodichloromethane	50	ND
Bromoform	50	ND
Bromomethane	5	ND
2-Butanone (MEK)	50	ND
Carbon disulfide	60	ND
Carbon tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
Chloroform	7	ND ND
Chloromethane	5	ND ND
Cyclohexane		ND
1,2-Dibromo-3-chloropropane		ND
Dibromochloromethane	50	ND ND
1,2-Dibromoethane	30	ND ND
1,2-Diplomoetrarie		ND ND
1,3-Dichlorobenzene		ND ND
1,4-Dichlorobenzene		ND ND
*		ND ND
Dichlorodifluoromethane	 E	
1,1-Dichloroethane	5	ND NB
1,2-Dichloroethane	0.6	ND NB
1,1-Dichloroethene	5	ND ND
cis-1,2-Dichloroethene	5	ND
trans-1,2-Dichloroethene	5	ND
1,2-Dichloropropane	1	ND
cis-1,3-Dichloropropene	0.4	ND
trans-1,3-Dichloropropene	0.4	ND
Ethylbenzene	5	ND
Freon 113		ND
2-Hexanone	50	ND
Isopropylbenzene	5	ND
Methyl Acetate		ND
Methylcyclohexane		ND
Methyl Tert Butyl Ether	10	ND
4-Methyl-2-pentanone(MIBK)		ND
Methylene chloride	5	ND
Naphthalene	10	ND
Styrene	5	ND
1,1,2,2-Tetrachloroethane	5	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,2,3-Trichlorobenzene		ND
1,2,4-Trichlorobenzene		ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	1	ND
Trichloroethene	5	ND
Trichlorofluoromethane		ND
Vinyl chloride	2	ND
m,p-Xylene		ND ND
o-Xylene		ND
Xylene (total)	5	ND ND
Total VOCs		ND
10141 7003	1	

NYSDEC = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards
VOC = Volatile Organic Compounds
J = Estimated Concentration
ND = Not Detected above detection limit.

NS = Not Sampled.

**Bolded** = values indicate exceedance of the NYSDEC AWQS



## **Appendix A – Groundwater Monitoring Field Data**

National Grid Dewey Avenue Service Center 144 Kensington Avenue Buffalo, New York

Well ID.	Sample?	Well Size	DTP	DTW	DTB	Comments
ESI-1	VOC's If no product	4"	trace on boom	3.65	21.50	changed sorbant sock
MW-1	yes	4"		2.87	29.90	
MW-2	no	4"		13.00	44.17	
MW-5	no	2"		10.75	21.40	
MW-6	yes	2"		9.70	21.05	replaced manway
MW-7	no	2"		11.27	21.30	
MW-9	yes	2"		10.57	22.05	MS/MSD
MW-10	no	2"		10.49	24.25	
MW-11	yes	2"		8.50	20.22	
MW-12	yes	2"		8.22	19.55	Duplicate Sample
MW-13	no	2"		11.60	26.25	
MW-15	no	2"		12.87	23.80	
<b>MW-</b> 16	VOC's If no product	2"		5.60	20.36	
MW-17	no	2"		12.46	20.60	
MW-19	no	2"		12.89	24.00	
MW-20	yes	2"		8.43	22.60	
MW-21	yes	2"		8.50	21.85	replaced manway
MW-24	yes	2"		8.57	24.25	replaced manway
MW-25	no	2"		6.42	15.36	replaced manway

Sampling Personnel: T Beaumont			Date:	6/13/22		
Job Number: 0603275-142140-221			Weather		70.	
				1230	Time Out:	/3/0
Well Id. MW-1			Time In:	1230	Time Out.	13/0
Well Information						
- VVeil Information	TOC	Other	Well Typ	no. Flue	hmount X	Stick-Up
Depth to Water: (feet)	2.87	Other	Well Loc		Yes	No No
Depth to Bottom: (feet)	29.90			g Point Marked:	Yes	No No
Depth to Product: (feet)			Well Ma	· .	SSOth	
Length of Water Column: (feet)	27.03		Well Dia		2" Oth	
Volume of Water in Well: (gal)	17.84		Commer			
Three Well Volumes: (gal)	53.52					
Purging Information				r		
					Conversion F	
Purging Method: Baile			k 3		1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material: Teflor			ylene oth		0.04	0.66 4.47
Sampling Method: Baile		Grundfos F	oth oth		0.04 0.16	0.66   1.47
Average Pumping Rate: (ml/min)	<u>- 250</u>			1 gallo	on=3.785L=3785n	nL=1337cu. feet
Duration of Pumping: (min)		id well go dry?	Yes N	ري ا		
Total Volume Removed: (gal)			resi	10 <u>7</u> 2		
Horiba U-52 Water Quality Meter Used?	Yes	No □				
<u> </u>						
Time DTW Amount	Temp	рН	ORP	Conductivity	Turbidity	DO
(feet) purged (gal)	) °C	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
(feet) purged (gal)	) °C	(S.U.)	(mV) -(34	(mS/cm)	(NTU) <b>8.4</b>	(mg/L)
(feet) purged (gal) 3.02 3.02	) °C 17.91 /6.86	(S.U.) 7.3 \ 7.3 \	(mV) -134 -158	(mS/cm)	(NTU) <b>8.4</b> 5.2	(mg/L)
(feet) purged (gal) 3.02 3.02 1240 3.02	) °C 17.91 /6.86 /6.60	(S.U.) 73 \ 7.3 \ 7.3 \ 7.3 \	(mV) -139 -158 -151	(mS/cm) 17:7 /1.0 /1.0	(NTU) 8.4 5.2 3.4	(mg/L) O
(feet) purged (gal)    130   3.02     1240   3.02     1247   3.02	) °C 17.91 /6.86 /6.60 /1.42	(S.U.) 731 731 731 731	(mV) -(39 -158 -151 -157	(mS/cm) 17:7 /8:0 /9:0 20:3	(NTU) 8.4 5.2 5.4 4.6	(mg/L)
(feet) purged (gal)    130   3.02     1240   3.02     1247   3.02     1210   3.02	) °C 17.91 /6.86 /6.60 /1.42	(S.U.) 73 \\ 7.3	(mV) -139 -158 -157 -157	(mS/cm) 17:7 /1:0 /9.0 20:3 20:5	(NTU) 8.4 5.2 5.4 4.6 5.6	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L)
(feet) purged (gal)    130   3.02     1240   3.02     1247   3.02     1210   3.02	) °C 17.91 /6.86 /6.60 /1.42	(S.U.) 73 \\ 7.3	(mV) -139 -158 -157 -157	(mS/cm) 17:7 /1:0 /9.0 20:3 20:5	(NTU) 8.4 5.2 5.4 4.6 5.6	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   5.02     1247   3.02     1217   3.02     1217   3.02	) °C 17.91 /6.86 /6.60 /1.42 /6.20	(S.U.) 73\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\ 7.3\	(mV) -139 -158 -157 -160	(mS/cm) 17:7 /1:0 /1:0 20:3 20:5 21:0	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2	(mg/L) O O O O
(feet) purged (gal)    130   3.02     1240   3.02     1247   3.02     1217   3.02     1217   3.02     1310   3	) °C 17.91 /6.86 /6.60 /6.42 /6.20 /6.14 /6.08	(S.U.) 73 \\ 7.3	(mV) -139 -158 -157 -160 -161 -162	(mS/cm) 17:7 /8:0 /9:0 20:3 20:5 21:0 21:9	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2 5.4	(mg/L) O O O O O O O O O O O O O O O O O O O
130 3.02   1340 3.02   1247	) °C 17.91 /6.16 /6.16 /1.19 /1.19 /1.08	(S.U.) 73 \\ 7.3	(mV) -(39 -158 -157 -157 -160 -/61	(mS/cm) 17:7 /8:0 /9:0 20:3 20:5 21:0 2:9	(NTU) 8.4 5.2 5.4 4.6 5.6 5.2 5.7 4.9	(mg/L) O O O O O O O O O O O O O O O O O O O
(feet) purged (gal)    130   3.02     1240   3.02     1247   3.02     1217   3.02     1217   3.02     1310   3	) °C 17.91 /6.16 /6.16 /1.19 /1.19 /1.08	(S.U.) 73 \\ 7.3	(mV) -(39 -158 -157 -157 -160 -/61	(mS/cm) 17:7 /8:0 /9:0 20:3 20:5 21:0 21:9	(NTU) 8.4 5.2 5.4 4.6 5.5 5.7 5.7	(mg/L) O O O O O O O O O O O O O O O O O O O
130 3.02   120 3.02	) °C 17.91 /6.86 /6.60 /6.20 /6.14 /6.08  Low de Includir	(S.U.) 73 \ 7.3 \	(mV) -(39 -159 -157 -157 -160 -/61 -162	(mS/cm) 17.7 /f.0 /f.0 20.3 20.5 21.0 21.5 21.0 21.5	(NTU) 8.4 5.2 5.6 5.6 5.2 5.7 Yes	(mg/L) O O O O O O O O O O O O O O O O O O O
	) °C   17.9	(S.U.) 73 \ 7.3 \	(mV) -(39 -159 -157 -157 -160 -/61 -162	(mS/cm) (7.0 (9.0 20.3 20.5 21.0 21.0 21.9  2-1 liter amber 2-40 mL vials  pped: Fed-E	(NTU) 8.4 5.2 5.6 5.2 5.4 Yes Yes	(mg/L) O O O O O O O O O O O O O O O O O O O
	) °C   17.9	(S.U.) 73 \ 7.3 \	(mV) -(39 -159 -157 -157 -160 -/61 -162	(mS/cm) (7.0 (9.0 20.3 20.5 21.0 21.0 21.9  2-1 liter amber 2-40 mL vials  pped: Fed-E	(NTU) 8.4 5.2 5.6 5.6 5.2 5.7 Yes	(mg/L) O O O O O O O O O O O O O O O O O O O
	) °C   17.9	(S.U.) 73 \ 7.3 \	(mV) -(39 -159 -157 -157 -160 -/61 -162	(mS/cm) 17:7 /f. 0 /f. 0 20:3 20.5 21:0 2:5 21:0 2:40 mL vials  pped: Fed-E	(NTU) 8.4 5.2 5.6 5.2 5.4 Yes Yes	(mg/L) O O O O O O O O O O O O O O O O O O O

Sampling Pe	rsonnel: T	Beaumont			Date:	6/13/2	 L,	
					Weather	10	, 7	
Job Number:		2140-221				<del> </del>		1/1-
Well Id.	MW-6				Time In:	050	Time Out:	<u> (10</u>
347 137								
Well In	formation	-	<b>TO</b> 0	0.11	147 H T	_,		<u></u> -
<u> </u>			TOC	Other	Well Typ		<b>=</b>	Stick-Up
Depth to Wat		(feet)	9,70		Well Loc		Yes	No
Depth to Bott		(feet)	21.05			g Point Marked:	Yes	No
Depth to Pro		(feet)	11.25		Well Mat		SSOth	
Length of Wa		(feet)	11.35		Well Dia		2" \( \sum \) Oth	er:
Volume of W		(gal)	1.82		Commer	its:		
Three Well V	rolumes:	(gal)	146					
								A
Durain a l	nformation			<del></del>			<u> </u>	
Purging i	nformation	-					Conversion F	actors
Dunning Mark			D. C. Landin	O			Conversion F	4" ID 6" ID
Purging Meth		Bailer		<del></del>			1 10 2 10	4 10 6 10
Tubing/Bailer		Teflon	$\vdash$		ylene oth		0.04 0.16	0.66 1.47
Sampling Me		Bailer		Grundfos F	oth			
Average Pun			250			1 gallo	on=3.785L=3785m	nL=1337cu. feet
Duration of F		(min)	30			. 🔽		
Total Volume	Removed:	(gal)	~ 2.0 D	id well go dry?	YesN	10 7		
Horiba U-52	Water Quality	Meter Used?	Yes	No□				
<u> </u>								
Time	DTW	Amount	Temp	pН	ORP	Conductivity	Turbidity	DO I
	(feet)	purged (gal)	l °c′	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
1000	(0.50)		1675	7.34	-91	14.	73.2	0
1055	10,59		1.78	7.33	-81	14.2	18.5	0
iiw	10.62		15.44	7.32	-81	143	8-1	0
1105	10.70		(5.31	7.33	-83	142	7.6	0
1(10	10.74		15.26	7.35	-83	17.6	7.7	D
1111	10.81		15.22	7.35	-84	13.5		3
1(70	/0.83		15.19	7.36	- 24	13.5	7. Ý 7. l	D
	1 2 2		1	, ,				
			<u> </u>		<del> </del>			
			No. of the last of		<u> </u>			
Sampling In	oformation:					******		
Sampling In	nomation.							
554 SW 646		D0D1			0.5	0.419	.,	M. —
EPA SW-846		PCB's		tection limit of 0	.05 ppb	6 - 1 liter amber		N <sub>0</sub>
EPA SW-846		TCL VOC's		ng Naphthalene		2 - 40 mL vials	Yes	No∑
II		and MW-6-MS		,	7	_		
Sample ID:		·-γ [*]	inlicate?	Yes No X	ı Shir	ped: Fed-E	x to SGS Accute	IVI
11	MW-6-062	<del></del>	•	<u> </u>	4 0,,,,	•		<del>/ Y</del>
Sample Time:	1(20	<del></del>	•	Yes No		•	SGS Accutest 0	<del>/ Y</del>
Sample Time:	I(Zu	MS	S/DMS?	<u> </u>		Pickup by	SGS Accutest 0	Courier
11	I(Zu	<del></del>	S/DMS?	<u> </u>		•		Courier Coutest

Sampling Per	sonnel: T.F	Beaumont			Date:	6/13/22		
Job Number:					Weather:	Sonny	67	
******	****	2140-221			· · · · · · · · · · · · · · · · · · ·	. 1		1-11-1
Well Id.	MW-9				Time In:	1010	Time Out:	1041
Woll Infe	ormation							
ven inic	ornation		TOC	Other	Well Type	. Fluci	nmount S	tick-Up
Depth to Wate	ar:	(feet)	10.57	Other	Well Lock		Yes	No No
Depth to Water		(feet)	22.05			Point Marked:	Yes	No
Depth to Prod		(feet)	<u></u>		Well Mate		SSOthe	
Length of Wa		(feet)	11.48		Well Diam		2" X Othe	
Volume of Wa		(gal)	1.84		Comment	S:		
Three Well Vo	olumes:	(gal)	552					
Purging Ir	nformation	•				F		
			[ <del>]</del>	<b>N</b> .		$\vdash$	Conversion Fa	
Purging Meth		Baile	<b>—</b>		· k		1" ID   2" ID	4" ID 6" ID
Tubing/Bailer		Teflor	<b>—</b>	· ·	vlene other	$\vdash$	004 046	0.00 4.47
Sampling Met		Baile		Grundfos F	ump other		0.04   0.16	0.66   1.47
Average Pum		(111//111117)	30			1 gallo	n=3.785L=3785ml	L=1337cu. feet
Duration of Proceedings Total Volume		(min)		id well go dry?	Vaa 🗔 Na	r <del>a</del>		
		(gal)			Yes No	×		
Horiba U-52 V	Vater Quality	Meter Used?	Yes	No □				
(r-								
Time	DTW	Amount	Temp	pH (O.L.)	ORP	Conductivity	Turbidity	DO
10/0	(feet)	purged (gal)	17.07	(S.U.)	(mV) -(/9	(mS/cm)	(NTU)	(mg/L)
1015	11.61		15.95	7.08		12.3	10	0
1050	12.02		15.79	7.08	-/30 -/32	15.6	15	D
1025	12.12		15.77	7.08	-131	15.7	<u>''' दे</u>	8
1030	17.20		15.68	7.09	-17/	15.7	.4	0
1035	1231		15.65	7.09	-131	15.7	0	0
1040	12.42		15.63	7.09	-132	15つ	0	0
			1 1 V V ~ 2	, , , , , , , , , , , , , , , , , , ,	<del></del>			
11 1							_	
Sampling Inf	ormation.							
							F	
EPA SW-846 N	lethod 8082	PCB's		tection limit of 0	05 ppb	2 - 1 liter amber		No No
	lethod 8082	PCB's TCL VOC's		tection limit of 0	05 ppb	2 - 1 liter amber 2 - 40 mL vials	Yes Yes	No No
EPA SW-846 N	Method 8082 Method 8260	TCL VOC's	s Includin	ng Naphthalene		2 - 40 mL vials	Yes	No ⊠
EPA SW-846 M EPA SW-846 M Sample ID:	Method 8082 Method 8260 MW-9-062	TCL VOC's	s Includin	ng Naphthalene Yes No	05 ppb Shipp	2 - 40 mL vials ed: Fed-E:	Yes[ x to SGS Accute	No⊠ st ⊠
EPA SW-846 M EPA SW-846 M Sample ID: Sample Time:	Method 8082 Method 8260 MW-9-062	TCL VOC's	s Includin	ng Naphthalene		2 - 40 mL vials ed: Fed-E: Pickup by	Yes k to SGS Accute SGS Accutest C	No No st
EPA SW-846 M EPA SW-846 M Sample ID:	Method 8082 Method 8260 MW-9-062 LOY C	TCL VOC's	s Includin uplicate? S/DMS?	ng Naphthalene Yes No		2 - 40 mL vials ed: Fed-E:	Yes[ x to SGS Accute	st Sourier utest

Sampling Personnel: T Beaumont			Date:	6/13/27	L	
Job Number: 0603275-142140-221			Weather:	Signi	. 65	
Well Id. <b>MW-11</b>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Time In:	430	Time Out:	1005
vvenia.		<del></del>		1,00		7.00
Well Information						
	TOC	Other	Well Type		$\mapsto$	Stick-Up
	8.50		Well Lock		Yes	No
Depth to Bottom: (feet)	20.22		Measuring Well Mate	Point Marked: erial: PVC	Yes X SS Oth	No
Depth to Product: (feet)  Length of Water Column: (feet)	1.72		Well Diam		2" Oth	
Length of Water Column: (feet) / Volume of Water in Well: (gal)	1.87		Comment	. ·		
	7.62		Common	<b>.</b>		,
THIS TON TOLUMES.						
Purging Information				<del> </del>	Canadan F	
Duraina Mathadi	Danis Andria	Grundfos P			Conversion F	4" ID 6" ID
Purging Method: Bailer Tubing/Bailer Material: Teflon	Peristaltic Stainless St.	Polyethy	· k—	9 <sup>4</sup> """	1 10 2 10	4 10 6 10
Tubing/Bailer Material: Teflon Sampling Method: Bailer	<del></del>	<del></del>	<u> </u>	° '	0.04 0.16	0.66 1.47
		Gluliulos P	ump other		on=3.785L=3785n	
Duration of Pumping: (min)	30			r guit	01 0.700E 01 0011	12 100100.1001
Total Volume Removed: (gal)		id well go dry?	Yes No	<b>\</b>		
Horiba U-52 Water Quality Meter Used?		No∏				
Horiba 0-32 Water Quality Weter Oseu?	162					
Time DTW Amount	Temp	рН	ORP	Conductivity	Turbidity	DO
(feet) purged (gal)	°C	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
(feet) purged (gal) <b>930 9.70</b>	°C	(S.U.) <b>7.69</b>	(mV) <b>/Y</b> Y	(mS/cm)	(NTU) <b>12.7</b>	(mg/L)
(feet) purged (gal)  930 9.70  937 /1.62	/ <b>5.50</b>	(S.U.) <b>7.65</b>	(mV) <b>/YY</b> (72	(mS/cm) /0.9	(NTU) 12.7 (2.6	(mg/L)
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42	18.82 15.50 15.10	(S.U.) 7.65 7.65 7.15	(mV) <b>/YY</b> (72 /89	(mS/cm) /0.9 /(-)	(NTU) 12.7 12.6 /0.9	(mg/L)  0  0 0
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96	18.82 15.50 15.10	(S.U.) 7.69 7.67 7.65 7.65	(mV) /YY (72 /89 200	(mS/cm) 10.9 11.1 11.2 11.2	(NTU) 12.7 (2.6 /0.9	(mg/L)  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36	16.82 15.50 15.10 15.00	(S.U.) 7.69 7.65 7.65	(mV) /YY (72 /89 200 200	(mS/cm) 10.9 11.1 11.2 11.2	(NTU) 12.7 12.6 /0.9 /0.1	(mg/L)  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36	16.82 15.50 15.10 15.00	(S.U.) 7.69 7.65 7.65	(mV) /YY (72 /89 200 200	(mS/cm) 10.9 11.1 11.2 11.2	(NTU) 12.7 12.6 /0.9 /0.1	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  977 /2.14  /000 /3.01	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  970 /2.36  971 /2.14	18.82 15.50 15.10 15.00 14.97 14.73	(S.U.)  7.69  7.65  7.65  7.65  7.65	(mV) 174 172 189 200 200	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 (2.6 /0.9 /0.1 9.4	(mg/L)  O  O  O  O  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  910 /2.36  917 /2.14  /000 /3.01	°C 14.82 15.50 15.10 15.00 14.97 14.73 14.68	(S.U.) 7.69 7.65 7.65 7.65 7.65	(mV) 174 172 189 200 200 196 184	(mS/cm) 10.9 11.1 11.2 11.2 11.3	(NTU) 12.7 12.6 /0.6 /0.1 9.4 8.4	(mg/L)  O  O  O  O  O  O  O  O  O  O  O  O  O
(feet)   purged (gal)	°C 16.82 15.10 15.10 14.97 14.73 14.68	(S.U.) 7-69 7-65 7-65 7-65 7-65 7-65	(mV) 174 172 189 200 200 196 184	(mS/cm) /0.9 /1.1 /1.2 /1.2 /1.2 /1.3	(NTU) 12.7 12.6 /0.6 /0.1 9.4 8.4	(mg/L)  O  O  O  O  O  O  N  O  N  O  N  O  O
(feet) purged (gal)  930 9.70  937 /1.62  940 /1.42  941 /1.96  910 /2.36  917 /2.14  /000 /3.01	°C 16.82 15.10 15.10 14.97 14.73 14.68	(S.U.) 7.69 7.65 7.65 7.65 7.65	(mV) 174 172 189 200 200 196 184	(mS/cm) (0.9   (.1   11.2   (.2   (.3   11.3	(NTU) 12.7 12.6 /0.6 /0.1 7.4 8.8	(mg/L) 0 0 0 0 0 0 0 0 0
(feet)   purged (gal)	°C /\$.82 /\$.70 /\$.00 /\$.97 /\$.73 /\$.68 Low de Includir	(S.U.) 7-69 7-65 7-65 7-65 7-65 7-65	(mV) 174 172 189 200 200 196 184	(mS/cm) (0.9  11.1  11.2  11.2  11.3  2 - 1 liter amber 2 - 40 mL vials	(NTU) 12.7 12.6 /0.6 /0.1 7.4 8.8	(mg/L)  O  O  O  O  No  No  No
(feet)   purged (gal)	°C /6.82 /5.70 /5.70 /4.97 /4.73 /4.68 Low de Includir	(S.U.) 7-16 7-16 7-16 7-16 7-16 7-16 7-16 7-16	(mV)   / / / / / / / / / / / / / / / / / / /	(mS/cm) (0.9 (1.1 (1.2 (1.2 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3	(NTU) 12.7 (2.6 /0.6 /0.1 9.4 8.4 Yes	(mg/L)  O  O  O  O  O  No  No  No  No  Rest
(feet)   purged (gal)	°C /6.82 /5.70 /5.70 /5.00 /4.97 /4.73 /4.68 Low de Includir	(S.U.) 7-69 7-65 7-65 7-65 7-65 7-65 No Section limit of 0.	(mV)   / / / / / / / / / / / / / / / / / / /	(mS/cm) (0.9 (1.1 (1.2 (1.2 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3	(NTU) 12.7 12.6 /0.6 /0.1 7.4 8.9 Yes Yes	(mg/L)  O  O  O  O  O  No  No  Rest Courier

Sampling Personnel	: T Beaumont			Date:	6/13/22	_	
	275-142140-221			Weather:	Sunny	64	
Well Id. MW-				Time In:	***	Time Out:	925
vventu.	.12			THIC III.	0 10	Timo Out.	
Well Information	on .	<del></del>					
- TON INIONIALI		TOC	Other	Well Type	: Flush	nmount S	Stick-Up
Depth to Water:	(feet)	8.22		Well Lock		Yes	No
Depth to Bottom:	(feet)	19.55			Point Marked:	Yes	No
Depth to Product:	(feet)			Well Mate		⊠ss Oth	er:
Length of Water Col		//-33		Well Diam	neter: 1"[	2"	er:
Volume of Water in		1.81		Comment	s:	<del></del>	
Three Well Volumes	S: (gal)	5.43					
Purging Informa	tion						
			<del></del>			Conversion F	
Purging Method:	Bailer				gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Materi	al: Teflon	<b>-</b>	Polyethy	<u>-</u>	<b>⊢</b> 1		
Sampling Method:	Bailer		Grundfos Pi	ump other		0.04   0.16	0.66   1.47
Average Pumping R		250			1 gallo	n=3.785L=3785m	nL=1337cu. feet
Duration of Pumping		30			[Tail		
Total Volume Remo	ved: (gal)	<b>^ 2.0</b> Di	d well go dry?	Yes No	×		
Horiba U-52 Water (	Quality Meter Used?	Yes	No□				
L							
Time D	TW Amount	Temp	рН	ORP	Conductivity	Turbidity	DO
(fe	eet) purged (gal)	°C	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
Byr 8.	purged (gal)		(S.U.) <b>7.37</b>	(mV)	(mS/cm)		(mg/L)
84r 8. 850 8.	purged (gal)	°C / <b>7.48</b> / <b>4.5</b> 1	(S.U.) 7.37 7.10	(mV) 1/2 //2	(mS/cm)	(NTU) <b>8.7</b> <b>7.1</b>	(mg/L) <b>6 0</b>
84r 8. 800 8. 85 9.	purged (gal)  62  83  66	17.48 14.51 15.11	(S.U.) 7·37 7·10 7·10	(mV)  {Z  /(Z  / ]_	(mS/cm)	(NTU) 7.1 5.3	(mg/L)
845 8. 850 8. 857 9. 900 9.	purged (gal) 62 83 66 51	°C /1.48 /4.51 /5.11 /5.23	(S.U.) 7.37 7.10 7.60 7.61	(mV)  [Z  (Z   ]	(mS/cm) 5.56 5.55 5.55	(NTU) 8.7 7.1 5.3 4.9	(mg/L) <b>0</b> <b>0</b> <b>0</b>
845 8. 870 8. 877 9. 900 9. 907 9.	purged (gal) 62 83 06 51	17.48 14.51 15.91 15.83	(S.U.) 7.37 7.50 7.60 7.61	(mV)  [Z  [Z  []  []	(mS/cm) 5.56 5.56 5.55 6.00	(NTU) 8.7 7.1 5.3 4.9 2.8	(mg/L)  0  0  0  0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	purged (gal) 62 83 66 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
845 8. 870 8. 877 9. 900 9. 907 9.	purged (gal) 62 83 06 51	17.48 14.51 15.91 15.83	(S.U.) 7.37 7.50 7.60 7.61	(mV)  [Z  [Z  []  []	(mS/cm) 5.56 5.56 5.55 6.00	(NTU) 8.7 7.1 5.3 4.9 2.8	(mg/L)  0  0  0  0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	purged (gal) 62 83 06 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	purged (gal) 62 83 06 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	purged (gal) 62 83 06 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
847 8. 870 8. 877 9. 900 9. 907 9.	purged (gal) 62 83 06 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	purged (gal) 62 83 06 51	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
	eet) purged (gal) 62 83 06 51 66 72 75	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
847 8. 870 8. 877 9. 900 9. 907 9. 910 9.	eet) purged (gal) 62 83 06 51 66 72 75	17.48 14.51 15.11 15.83 15.54	(S.U.) 7.37 7.50 7.60 7.62 7.66	(mV) 1/2 //2 //3 //8 //22	(mS/cm) 5.56 5.56 5.55 6.00 6.01	(NTU) 8.7 7.1 5.3 4.9 3.8	(mg/L) 0 0 0 0
Sampling Informati	eet) purged (gal) 62 83 06 51 66 72 75	17.48 14.51 15.83 15.74 15.45 15.41	(S.U.) 7.37 7.50 7.60 7.62 7.66 7.67 7.68	(mV)   Z   IZ   IZ   IJ   IJ   IJ   IJ   IJ	(mS/cm) 5.56 5.57 6.00 6.01 6.02 6.12	(NTU) 8.7 7.1 5.3 4.9 3.8 3.2 2.7	(mg/L) 0 0 0 0 0
Sampling Informati	purged (gal)  62  83  66  72  75  on:  8082  PCB's	°C /7. 48 /4.51 /5.11 /5.13 /5.45 /5.45	(S.U.) 7-37 7-10 7-10 7-10 7-10 7-11 7-11	(mV)   Z   IZ   IZ   IJ   IJ   IJ   IJ   IJ	(mS/cm)  5.56 5.57 5.65 6.00 6.01 6.02 6.12	(NTU) 8.7 7.1 5.3 7.9 2.7	(mg/L) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Sampling Informati EPA SW-846 Method EPA SW-846 Method	purged (gal) (2 83 06 51 66 72 75 0n: 8082 PCB's 8260 TCL VOC's	°C /7. 48 /4.51 /5.11 /5.13 /5.45 /5.45	(S.U.) 7.37 7.50 7.60 7.62 7.66 7.67 7.68	(mV)   Z   IZ   IZ   IJ   IJ   IJ   IJ   IJ	(mS/cm) 5.56 5.57 6.00 6.01 6.02 6.12	(NTU) 8.7 7.1 5.3 4.9 3.8 3.2 2.7	(mg/L) 0 0 0 0 0 0
Sampling Informati EPA SW-846 Method EPA SW-846 Method Field	purged (gal) (2 83 06 51 66 72 75 on: 8082 PCB's 8260 TCL VOC's	17. 48 14.51 15.11 15.13 15.14	(S.U.) 7-37 7-10 7-10 7-10 7-10 7-10 7-10 7-10 7-1	(mV)   72   13   13   13   13   24	(mS/cm)  5.56  5.57  5.65  6.07  6.07  6.02  6.12  4-1 liter amber 2-40 mL vials	(NTU) 8.7 7.1 5.3 7.5 7.5 7.5 7.7 7.7 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	(mg/L)  O O O O O No No
Sampling Informati EPA SW-846 Method EPA SW-846 Method Sample ID: MW	purged (gal) (2 83 06 51 66 72 75 00:  8082 PCB's 8260 TCL VOC's Dup-0622 7-12-0622 Du	Low det Including	(S.U.) 7-37 7-10 7-10 7-10 7-10 7-10 7-10 7-10 7-1	(mV)   Z   IZ   IZ   IJ   IJ   IJ   IJ   IJ	(mS/cm)  5.56  5.57  6.07  6.07  6.12  4-1 liter amber 2-40 mL vials  ped: Fed-E	(NTU) 8.7 7.1 5.3 4.9 2.7 Yes Yes Yes	(mg/L)  O O O O No No No No
Sampling Informati  EPA SW-846 Method  EPA SW-846 Method  Field  Sample ID: MW	purged (gal) (2 83 06 51 66 72 75 00:  8082 PCB's 8260 TCL VOC's Dup-0622 7-12-0622 Du	Low det Including	(S.U.) 7-37 7-10 7-10 7-10 7-10 7-10 7-10 7-10 7-1	(mV)   72   13   13   13   13   24	(mS/cm)  5.56  5.57  6.07  6.07  6.12  4-1 liter amber 2-40 mL vials  ped: Fed-E	(NTU) 8.7 7.1 5.3 7.5 7.5 7.5 7.7 7.7 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	(mg/L)  O O O O No No No No
Sampling Informati EPA SW-846 Method EPA SW-846 Method Sample ID: MW	purged (gal) (62 83 06 51 66 72 75 75 00: 8082 PCB's 8260 TCL VOC's Dup-0622 7-12-0622 Du MS	Low det Including	(S.U.) 7-37 7-10 7-10 7-10 7-10 7-10 7-10 7-10 7-1	(mV)   72   13   13   13   13   24	(mS/cm)  5.56  5.57  6.07  6.07  6.12  4-1 liter amber 2-40 mL vials  ped: Fed-E	(NTU) 8.7 7.1 5.3 4.9 2.7 Yes Yes Yes	(mg/L)  O O O O No

Sampling Per	sonnel: T	Beaumont			Date:	6/13/22
Job Number:	0603275-14	2140-221			Weathe	er: Sunny 72
Well Id.	MW-16				Time In	1: 1315 Time Out:
7701114.						1213
Well Info	ormation					
		-	TOC	Other	Well Ty	/pe: Flushmount Stick-Up
Depth to Wate	er:	(feet)	5.40		Well Lo	ocked: Yes No No
Depth to Botto	om:	(feet)	20.36			ng Point Marked: Yes No No
Depth to Proc		(feet)			Well Ma	
Length of Wa			14.76			ameter: 1" 2" Other:
Volume of Wa			2.36 7.08		Comme	ents:
Tillee vveii vo	numes.	(gal)	1.03		<del></del>	
L					1	
Purging Ir	nformation	· · · · · · · · · · · · · · · · · · ·				
		-				Conversion Factors
Purging Meth	od:	Bailer	Peristaltion	Grundfos F	ump of	ther gal/ft. 1" ID 2" ID 4" ID 6" ID
Tubing/Bailer	Material:	Teflon	Stainless St	. Polyethy	rlene 🔀 of	ther of
Sampling Met		Bailer	Peristaltion	Grundfos P	'ump of	ther water 0.04 0.16 0.66 1.47
Average Pum		(ml/min)				1 gallon=3.785L=3785mL=1337cu. feet
Duration of P		(min)		صواحمة المدينات	v  <b>\sigma</b>	Bailed years
Total Volume		(gal)		oid well go dry?	Yes	No.
Horiba U-52 \	Vater Quality	Meter Used?	Yes	No No	U	No Bailed Yeals ext dry let sit than Samely
						<b>I</b>
Time	DTW	Amount	Temp	рН	ORP	Conductivity Turbidity DO
	(feet)	purged (gal)	°C	(S.U.)	(mV)	(mS/cm) (NTU) (mg/L)
		<u> </u>				
			<del> </del>			
					-	
			· · · · · · · · · · · · · · · · · · ·			
					-	
<u> </u>						
Sampling Inf	ormation:					
- Camping in						
EPA SW-846 N	lethod 8082	PCB's	Low de	etection limit of 0	.05 ppb	4 - 1 liter amber
EPA SW-846 N	lethod 8260	TCL VOC's		ng Naphthalene	• •	3 - 40 mL vials Yes No
					_	
Sample ID:	MW-16-062	<del></del> '	olicate?	Yes No No	Sh	ipped: Fed-Ex to SGS Accutest 🔀
Sample Time:	1400	MS	/DMS?	Yes No	]	Pickup by SGS Accutest Courier
Comments/No	otes:	7,	·			Laboratory: SGS Accutest
						Dayton, NJ
					ll l	J

Sampling Per	sonnel: TE	Beaumont			Date:	6/14/12		
Job Number:	0603275-14	2140-221			Weather:	Sunny	18	
Well Id.	MW-20				Time In:	750	Time Out:	835
Well inf	ormation							
			TOC	Other	Well Type	e: Flush	nmount X	Stick-Up
Depth to Wat	er:	(feet)	8.43		Well Lock	ed:	Yes	No
Depth to Botte		(feet)	22.60		_	Point Marked:	Yes 🔀	No
Depth to Proc		(feet)	***		Well Mate	¥	SSOth	
Length of Wa		(feet)	14.17		Well Diam	<u>-</u>	2"Oth	er:
Volume of Wa		(gal)	2.26		Comment	S:		
Three Well Vo	olumes:	(gal)	628		<del></del>			<u> </u>
L							<del></del>	
Duraina li	-formation							
Purging ii	nformation	-					Conversion F	cotors
Purging Meth	od.	Baile	r Peristaltic	Grundfos P	ump other		1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflor	<del></del>	<del></del> 1		1 9 a " " F	1 10 2 10	4 10 0 10
Sampling Met		Baile	<b>-</b>	<del> </del>	<b>—</b>	$\vdash$	0.04 0.16	0.66   1.47
Average Pum		(ml/min)	-210	3.2	ump	— —	n=3.785L=3785m	
Duration of P		(min)	30			<u> </u>		
Total Volume		(gal)		id well go dry?	Yes No			
Horiba U-52 \	Water Quality			No□	-			
1101104 0 02	valor dading	Wicker Coca.	100				<del></del>	
Time	DTW	Amount	Temp	рН	ORP	Conductivity	Turbidity	DO I
	(feet)	purged (gal)	1	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
SYNO		purges (ga.,	1428	7.30	-271	9.29	19.2	O O
	1 X.3 Z				·			
805	8.52		15.52		-285		15.0	0
11	8.86			7.28	-283	9.69 9.74	15.0 18.4	0
805			15.52	7.28		9.69	13.4	
810	9.56		15.52	7.28 7.27	-283 -276 -276	9.69 9.74 9.75 9.81	18.4 17.2 15.9	0
810 810	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
805 810 814 820	4.86 4.86 4.81 8.91		/5.52 /5.42 /5.41 /5.36	7.28 7.27 7.28 7.26	-283 -276 -276	9.69 9.74 9.75	18.4 17.2 15.9	0
810 818 820 820	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
810 818 820 820	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
810 818 820 820	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
800 810 814 820 820	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
810 818 820 820	9.56 9.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
800 810 814 820 820 830	8.56 8.51 8.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
810 818 820 820	8.56 8.51 8.51 8.51 8.51		/5.52 /5.42 /5.41 /5.36 /5.33	7.28 7.27 7.28 7.26 7.27	-293 -271 -271 -276	9.69 9.74 9.75 9.81 9.80	18.4 17.2 15.9 15.8	0 0
Sampling Int	F.SL F.SL F.SL F.SL F.SL F.SL		/5.52 /5.42 /5.41 /5.33 /5.33	7.28 7.27 7.28 7.26 7.27 7.27	-293 -274 -274 -276 -177	9.69 9.74 9.75 9.81 9.80 9.80	18.4 17.2 15.9 15.8 15.4	0 0 0 0
Sampling Int	formation:	PCB's	/5.52 /5.41 /5.33 /5.33 /5.33	7.28 7.27 7.28 7.26 7.27 7.27	-293 -274 -274 -276 -177	9.69 9.79 9.75 9.81 9.80 9.80	/8.4 /7.2 /5.9 /5.9 /5.4	0 0 0 0
Sampling Int	formation:	PCB's TCL VOC's	/5.52 /5.41 /5.33 /5.33 /5.33	7.28 7.27 7.28 7.26 7.27 7.27	-293 -274 -274 -276 -177	9.69 9.74 9.75 9.81 9.80 9.80	18.4 17.2 15.9 15.8 15.4	0 0 0 0
Sampling Interpretation	formation:  Method 8082  Method 8260	TCL VOC's	/5.52 /5.42 /5.41 /5.33 /5.30 Low de Includir	7.28 7.27 7.28 7.26 7.27 7.27 7.27	-293 -274 -274 -276 -177	9.69 9.79 9.75 9.80 9.80 9.80 9.80 2-1 liter amber 2-40 mL vials	/8.4 /7.2 /5.9 /5.9 /15.4 Yes	0 0 0 0 0
Sampling Int  EPA SW-846 N  EPA SW-846 N  Sample ID:	formation:	TCL VOC's	/5.52 /5.42 /5.41 /5.33 /5.30 Low de Includir	7.28 7.27 7.29 7.21 7.27 7.27 7.27 Yes No	-293 -274 -274 -276 -177	9.69 9.79 9.75 9.80	Yes Yes  to SGS Accute	O O O O O O No No
Sampling Interpretation	formation:  Method 8082  Method 8260	TCL VOC's	/5.52 /5.42 /5.41 /5.33 /5.33 /5.30 Low de Includir	7.28 7.27 7.28 7.26 7.27 7.27 7.27	-293 -274 -274 -276 -177	9.69 9.79 9.75 9.80	/8.4 /7.2 /5.9 /5.9 /15.4 Yes	O O O O O O No No
Sampling Interpretation Supplies ID:	formation:  Method 8082 Method 8260  MW-20-062	TCL VOC's  22 Du  M3	/5.52 /5.42 /5.41 /5.33 /5.30 Low de Includir	7.28 7.27 7.29 7.21 7.27 7.27 7.27  Tection limit of 0. ag Naphthalene  Yes No No	-293 -274 -274 -276 -177	9.69 9.79 9.75 9.80	Yes Yes  to SGS Accute	No No No Courier

Sampling Personnel: T Beaumont		Date:	6/14/27	7	·
Job Number: 0603275-142140-221		Weather:			
Well Id. <b>MW-21</b>		Time In:	848	Time Out:	925
vveiria. IVIV-21		Time in.	9 (0	Time Out.	(2)
Well Information					
- VVGI III GUOTI	TOC Other	Well Type	e: Flus	hmount St	tick-Up
Depth to Water: (feet)	8.50	Well Lock		Yes	No
Depth to Bottom: (feet)	21.85	Measuring	Point Marked:	Yes	No
Depth to Product: (feet)		Well Mate		⊠ss Othe	er:
Length of Water Column: (feet)	13.35	Well Diar	neter: 1"	2" X Othe	er:
Volume of Water in Well: (gal)	2.13	Commen	ts:		
Three Well Volumes: (gal)	6.39				
			# i		
Purging Information					
				Conversion Fa	
Purging Method: Bailer		K 7	90".10	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer Material: Teflon	<b>└</b>	• •	$\vdash$		
Sampling Method: Bailer		othe othe		0.04   0.16	0.66 1.47
Average Pumping Rate: (ml/min)	2,0		1 gallo	on=3.785L=3785mL	_=1337cu. feet
Duration of Pumping: (min)	30		. 🔽		
Total Volume Removed: (gal)	ー と・・・ Did well go dry?	Yes N	o <b></b>		
Horiba U-52 Water Quality Meter Used?	Yes No				
Time DTW Amount	Temp pH	ORP	Conductivity	Turbidity	DO
(feet) purged (gal)	°C (S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
(feet) purged (gal)	°C (S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L) <b>6</b>
(feet) purged (gal)	15.44 7.47 15.02 7.47	(mV)	(mS/cm) 12.1 //.8	(NTU) <b>(6.2</b> 71.3	(mg/L) 6
(feet) purged (gal)  847 990  850 //-/1  77 /2.30	C (S.U) 15.44 7.47 15.02 7.45 14.41 7.41	(mV) -146 -151	(mS/cm) 12.1 11.6	(NTU) <b>\$6.2</b> <b>71.3</b> <b>69.5</b>	(mg/L)  6  0
(feet) purged (gal)  847 990  850 //-/1  12.30  900 /2.41	C (S.U.) 15.44 7.47 15.02 7.47 14.41 7.41 14.50 7.40	(mV) -141 -146 -171	(mS/cm) 12.1 11.6 10.5	(NTU) <b>86.2</b> 71.3 69.5 32.2	(mg/L) 6 0 0
(feet) purged (gal)  847 990  850 //-/1  12.30  900 /2.41  907 /2.68	C (S.U.) 15.44 7.47 15.02 7.45 14.41 7.41 14.50 7.40 14.50 7.38	(mV) -146 -151	(mS/cm) 12.1 11.6 11.6 7.43	(NTU) <b>(6.2</b> 71.3 <b>(9.5</b> <b>)7.2</b> <b>28.5</b>	(mg/L) 6 0 0 0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU) <b>(6.2</b> 71.3  69.5  33.2  2 <b>8.</b> 5  22.1	(mg/L) 6 0 0 0 0
(feet) purged (gal)  847 990  850 //-/1  12.30  900 /2.41  907 /2.68	C (S.U.) 15.44 7.47 15.02 7.45 14.41 7.41 14.50 7.40 14.50 7.38	(mV) -141 -146 -171	(mS/cm) 12.1 11.6 11.6 7.43	(NTU) <b>(6.2</b> 71.3 <b>(9.5</b> <b>)7.2</b> <b>28.5</b>	(mg/L) 6 0 0 0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU) <b>(6.2</b> 71.3  69.5  33.2  2 <b>8.</b> 5  22.1	(mg/L) 6 0 0 0 0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU) <b>(6.2</b> 71.3  69.5  33.2  2 <b>8.</b> 5  22.1	(mg/L) 6 0 0 0 0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU) <b>(6.2</b> 71.3  69.5  33.2  2 <b>8.</b> 5  22.1	(mg/L) 6 0 0 0 0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU) <b>(6.2</b> 71.3  69.5  33.2  2 <b>8.</b> 5  22.1	(mg/L)  6  0  0  0  0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU)  (NTU)  (1.3  (9.5  )3.2  28.5  22.1	(mg/L) 6 0 0 0 0
(feet) purged (gal)  847 990  850 //-/11  NY /2.30  900 /2.41  907 /2.68  910 12.74  915 12.82	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU)  (NTU)  (1.3  (9.5  )3.2  28.5  22.1	(mg/L)  6  0  0  0  0
(feet) purged (gal)  #Y下	C (S.U.)  15.44 7.47  15.02 7.45  /4.41 7.41  /4.50 7.40  /4.57 7.38  /4.5 2 7.37	(mV) -141 -171 -171 -189	(mS/cm) 12.1 11.8 11.6 10.5 7.43	(NTU)  (NTU)  (1.3  (9.5  )3.2  28.5  22.1	(mg/L)  6  0  0  0  0
(feet)   purged (gal)   845   940	°C (S.U.) 15.44 7.47 15.02 7.46 14.41 7.41 14.50 7.40 14.50 7.38 14.52 7.37 14.54 7.36	(mV) -141 -146 -151 -171 -186 -182	(mS/cm) 12.1 11.8 11.6 10.5 7.43 9.12 8.58	(NTU)  (NTU)  (1.2  71.3  (9.5  )7.2  28.5  22.1  /1.0	(mg/L) 6 0 0 0 0
(feet)   purged (gal)   845   940	C (S.U.)  15.44 7.47  15.02 7.45  14.50 7.40  14.50 7.40  14.52 7.37  14.54 7.36  Low detection limit of 0	(mV) -141 -146 -151 -171 -186 -182	(mS/cm) 12.1 11.8 11.6 10.5 7.43 9.12 8.58	(NTU) (NTU) (1.2 71.3 (9.5 )3.2 28.5 22.1 /1.0	(mg/L) 6 0 0 0 0 0 0 0 No
(feet)   purged (gal)   845   940	C (S.U.)  15.44 7.47  15.02 7.45  14.50 7.40  14.50 7.40  14.52 7.37  14.54 7.36  Low detection limit of 0	(mV) -141 -146 -151 -171 -186 -182	(mS/cm) 12.1 11.8 11.6 10.5 7.43 9.12 8.58	(NTU)  (NTU)  (1.2  71.3  (9.5  )7.2  28.5  22.1  /1.0	(mg/L) 6 0 0 0 0
(feet)   purged (gal)   845   950   11.11   12.30   900   12.41   905   12.76   915   12.82   PCB's   EPA SW-846 Method 8082   PCB's   EPA SW-846 Method 8260   TCL VOC's	C (S.U.)  17.44  7.47  7.97  7.97  7.97  7.97  7.38  7.37  7.36  Low detection limit of C Including Naphthalene	(mV) - 4  - 4  - 7  - 7  - 89 - 86 - 86	(mS/cm) 12.1 11.8 11.6 10.5 7.43 9.12 8.58  2 - 1 liter amber 2 - 40 mL vials	(NTU) (NTU) (1.2 71.3 (9.5 32.2 28.5 22.1 /1.0	(mg/L) 6 0 0 0 0 0 0 No No
(feet)   purged (gal)   845   946	C	(mV) -141 -146 -151 -171 -186 -182	(mS/cm) 12.1 11.6 11.6 11.6 11.5 7.43 9.12 8.58  2 - 1 liter amber 2 - 40 mL vials  ped: Fed-E	(NTU)  (NTU)  (1.2  71.3  (9.5  37.2  28.5  22.1  /1.0  Yes  Yes	(mg/L) 6 0 0 0 0 0 No No
Syr   9 fo   1/-/1   1/-   1	C	(mV) - 4  - 4  - 7  - 7  - 89 - 86 - 86	(mS/cm) 12.1 11.6 11.6 11.6 11.5 7.43 9.12 8.58  2 - 1 liter amber 2 - 40 mL vials  ped: Fed-E	(NTU) (NTU) (1.2 71.3 (9.5 32.2 28.5 22.1 /1.0	(mg/L) 6 0 0 0 0 0 No No
(feet)   purged (gal)   845   946	C	(mV) - 4  - 4  - 7  - 7  - 89 - 86 - 86	(mS/cm) 12.1 11.6 11.6 11.6 11.5 7.43 9.12 8.58  2 - 1 liter amber 2 - 40 mL vials  ped: Fed-E	(NTU)  (NTU)  (1.2  71.3  (9.5  37.2  28.5  22.1  /1.0  Yes  Yes	(mg/L) 6 0 0 0 0 0 No No st ourier

Sampling Par	reannel: T	Beaumont	Date:	ate: 6/14/2 Z				
Sampling Per Job Number:			Weather	<del></del>	<del>-</del>			
	MW-24	2140-221				ne	Time Out:	750
Well Id.	IVI VV - 44				Time In:	// 1	Hime Out.	/30
Well In	formation						<del>,</del>	
	Official.	-	TOC	Other	Well Typ	- Flus	hmount	Stick-Up
Depth to Wat	ter:	(feet)	8.57		Well Loc		Yes	No No
Depth to Bott			24.25			g Point Marked:	Yes Yes	No
Depth to Prod	duct:	(feet)	-		Well Mat	erial: PVC		ner:
Length of Wa		<del></del>	568		Well Dia		2" \_Oth	ner:
Volume of W			2.00		Commen	its:		
Three Well V	olumes:	(gal)	7.50					
<u> </u>								
Puraina	Information			,				
I uigiiig .	Hitiination	-					Conversion F	Factors
Purging Meth	Jud.	Bailer	Peristaltic	Grundfos Pi	ump othe	er gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer		Teflon	Stainless St.	<del>- 1</del>	· —		1 10 2	-
Sampling Me		Bailer	Peristaltic				0.04 0.16	0.66 1.47
Average Pum			210				on=3.785L=3785m	
Duration of P	umping:	(min)	30		_			
Total Volume	Removed:	(gal)		id well go dry?	Yes N	• <b>_</b>		
Horiba U-52	Water Quality I	Meter Used?		No 🗌				
Time	DTW	Amount	Temp	рН	ORP	Conductivity	Turbidity	DO
	DTW (feet)	Amount purged (gal)	°C	(S.U.)	(mV)	(mS/cm)	(NTU)	(mg/L)
71	(feet)		°C /7.40	(S.U.)	(mV) -/7r	(mS/cm)	(NTU)	(mg/L)
715	(feet)		°C /7.40 /5.57	(S.U.) <b>6&amp;1</b> <b>7.26</b>	(mV) -/7r -23r	(mS/cm) \$.78 9.36	(NTU) (!! 85.2	(mg/L)
711 720 725	(feet)		/7.40 /5.57 /5.22	(S.U.) 6&1 7.26 7.21	(mV) -/7r -23r -244	(mS/cm) 4.78 9.34	(NTU)	(mg/L) 0 0
7/5 720 725 710	(feet)		°C 17.40 15.57 15.22 14.97	(S.U.) 6-81 7-26 7-26 7-26	(mV) -/7 -23 -244 -214	(mS/cm) 4.78 9.34 9.37 9.41	(NTU) !!! \$5.2 77.2 70.4	(mg/L) 0 0 0
7/5 720 725 710 738	(feet)  8.65 8.65 8.65		°C 17.40 15.57 15.22 14.90	(S.U.) 6-81 7-26 7-26 7-26 7-26 7-27	(mV) -/7r -23r -24y -214 -27	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!! %7.2 77.2 70.4 (S.3	(mg/L) 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) 4.78 9.34 9.37 9.41	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0
7/5 720 725 710 738	(feet)  8.65 8.65 8.65		°C 17.40 15.57 15.22 14.90	(S.U.) 6-81 7-26 7-26 7-26 7-26 7-27	(mV) -/7r -23r -24y -214 -27	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!! %7.2 77.2 70.4 (S.3	(mg/L) 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.65 9.65		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0
715 720 725 736 738 740	(feet)  8.67 8.67 8.67		°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L) 0 0 0 0 0
7/1 720 727 730 730 740 741	(feet)  8.67 8.67 8.67	purged (gal)	°C 17.40 /F.SY /F.22 /Y.97 /Y.90 /Y.82	(S.U.) 6-81 7-26 7-26 7-26 7-27	(mV) -/7 -23 -244 -214 -257 -261	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU) !!!  \$1.2 77.2 70.4 65.3 \$5.2	(mg/L)  O  O  O  O  O  O  O  O  O  O  O  O  O
7/( 720 724 736 736 740 747 Sampling In	formation:	purged (gal)	°C /7.90 /5.57 /5.22 /4.97 /4.90 /4.82 /4.71	(S.U.)  6-81  7-26  7-26  7-26  7-27  7-27  7-21	(mV) -/7r -23r -244 -214 -261 -264	(mS/cm) <b>£</b> 78 <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>£</b> <b>G</b> 3 <b>Y</b> <b>G</b> 4 <b>Y</b>	(NTU)	(mg/L)  O  O  O  O  O  O  O  O  O  O  O  O  O
7/ 720 725 710 737 740 741	formation:	purged (gal)	°C /7.90 /5.57 /5.22 /4.97 /4.90 /4.82 /4.71	(S.U.) 6-81 7-26 7-26 7-26 7-27 7-26 7-27	(mV) -/7r -23r -244 -214 -261 -264	(mS/cm)  4.78  9.34  9.41  9.47  9.47	(NTU)	(mg/L)  O  O  O  O  O  O  O  O  O  O  O  O  O
7/1 720 725 736 737 740 741 Sampling In EPA SW-846 M	formation:  Method 8082  Method 8260	PCB's TCL VOC's	°C /7.90 /5.57 /5.22 /4.97 /4.90 /4.82 /4.71 Low det Includin	(S.U.)  GRI  7.26  7.26  7.26  7.27  7.26  7.21  tection limit of 0.00 mg Naphthalene	(mV) -/7 -235 -244 -257 -26/ -264	(mS/cm) <b>8.78</b> <b>9.36</b> <b>9.37</b> <b>9.47</b> <b>9.47</b> <b>9.47</b> <b>9.47</b> <b>9.47</b> <b>9.47</b> <b>9.47</b>	(NTU)	(mg/L) O O O O O O O O O O O O O O O O O O O
Sampling In  EPA SW-846 M  Sample ID:	formation:  Method 8082  Method 8260  MW-24-062	PCB's TCL VOC's	C /7. 40 /7. 17 /5. 22 /4. 97 /4. 90 /4. 8 2 /4. 7    Low det Including colicate?	(S.U.)  6-81  7-26  7-26  7-27  7-26  7-27  7-26  7-21  Total of 0.0  The second of the second secon	(mV) -/7r -23r -244 -214 -261 -264	(mS/cm)	(NTU)	(mg/L) O O O O O O O O O O O O O O O O O O O
7/1 720 725 736 737 740 741 Sampling In EPA SW-846 M	formation:  Method 8082  Method 8260	PCB's TCL VOC's	C /7. 40 /7. 17 /5. 22 /4. 97 /4. 90 /4. 8 2 /4. 7    Low det Including colicate?	(S.U.)  GRI  7.26  7.26  7.26  7.27  7.26  7.21  tection limit of 0.00 mg Naphthalene	(mV) -/7 -235 -244 -257 -26/ -264	(mS/cm)	(NTU)	(mg/L) O O O O O O O O O O O O O O O O O O O
Sampling In  EPA SW-846 M  Sample ID:	formation:  Method 8082  Method 8260  MW-24-062  745	PCB's TCL VOC's  Dup MS/	C /7. 90 /5.37 /5.22 /4.97 /4.90 /9.82 /4.71 Low det Includin colicate? /DMS?	(S.U.)  6-81  7-26  7-26  7-27  7-27  7-21  tection limit of 0.0  g Naphthalene  Yes No No	(mV) -/7 -235 -244 -257 -26/ -264	(mS/cm)	(NTU)	(mg/L) O O O O O O O O O O O O O O O O O O O
7/17 720 727 730 737 740 747 740 747  EPA SW-846 M EPA SW-846 M Sample ID: Sample Time:	formation:  Method 8082  Method 8260  MW-24-062  745	PCB's TCL VOC's  Dup MS/	C /7. 40 /7. 17. 17. 17. 17. 17. 17. 17. 17. 17. 1	(S.U.)  6-81  7-26  7-26  7-27  7-27  7-21  tection limit of 0.0  g Naphthalene  Yes No No	(mV) -/7 -235 -244 -257 -26/ -264	(mS/cm)  8, 78  9, 34  9, 47  9, 47  9, 47  9, 47  2 - 1 liter amber 2 - 40 mL vials  ped: Fed-E  Pickup by	(NTU)  III  Ri.2  77.2  70. Y  65.3  SC.2  YI. I  Yes  Yes  X to SGS Accute  SGS Accutest C	(mg/L)  O  O  O  O  O  O  O  O  O  O  O  O  O

527206417397

CHAIN OF CUSTODY

PAGE OF

RB 45 LAB USE ONLY SW - Surface Water SO - Soil SL - Studge SED-Sediment OI - Oil LIQ - Other Liquid DW - Drinking Water GW - Ground Water WW - Water SOL - Other Solid Equipment Blank Rinse Blank WP - Wipe FB-Field Blank Matrix Codes Trip Blank AIR - AIL NGDeweyAve-labnumber.28351.EQEDD.zip Comments / Special Instructions Accutest Job # JC53377 Received By Requested Analysis (see TEST CODE sheet Bottle Order Control theaumont@gesonline.com NERegion@gesonline.com Please send Reports to: dshay@gesonline.com ges@equisonline.com Preserved where applicable Specific EDD Name: Date Time: Date Time: Sample Custody must be documented below each time samples change possession, including courier delivery. × × FED EX Tracking # Not intact Accutest Quote # 85e0 TCL VOC's with Naphthalene NJ Reduced = Results + QC Summary + Partial Raw data Commercial "A" = Results Only, Commercial "B" = Results + QC Summary NYASP Category A X NYASP Category B × × × × × × × × × × EDD Format State Forms Other ENCORE NJ Data of Known Quality Protocol Reporting MEOH Zip. Data Deliverable Information DI Water × × × × × × NONE Relinquished By: Billing Information ( if different from Report to) Relinquished By: Custody Seal # Annual GWS HSZOT EONH tate Commercial "A" (Level 1) Commercial "B" ( Level 2) HOEN × × 2235 Route 130, Dayton, NJ 08810 TEL 732-329-0200 FAX 732-329-3499/3480 нсі FULLT1 (Level 3+4) 8 # of bottles Commercial "C" 7 7 7 7 7 7 7 7 NJ Reduced www accutest com β βW GW βW GW βM GW Matrix GΨ GW β GW βW GW treet Address Project Information CITY National Grid - Dewey Ave Service Center 1.40 (300 1000 2 C2 J (2)1 918 \$30 3 218 Time 245 State ١ 22 21/2 24 (1) 6/13/32 21/5/17 22 81 3 6/13/22 5 13 25 ストン 22 819 514 22 613/22 22 129 0603275-142140-221-1106 Approved By (Accutest PM): / Date Received By: Received By: Received By: Jehtih 102 trs SJS 144 Kensington Ave Client Purchase Order # Buffalo, NY 14214 im Beaumont Project Manager MEOHDI Vial # 1430 Project Name 6/17/22 Date Time: Dale Time Phone # Groundwater & Environmental Services, Inc Emergency & Rush T/A data available VIA Lablink Turnaround Time (Business days) Client / Reporting Information Field ID / Point of Collection East Syracuse, New York 13057 Field Duplicate-0622 6780 Northern Blvd, Suite 100 MW-6-MSD-0622 MW-6-MS-0622 X Std. 10 Business Days
 5 Day RUSH
 3 Day RUSH
 2 Day RUSH
 1 Day RUSH
 1 Day RUSH MW-11-0622 MW-12-0622 MW-20-0622 MW-24-0622 MW-16-0622 MW-9-0622 MW-21-622 MW-1-0622 MW-6-0622 Trip Blank 800-220-3069 ext 3313 Relinquished by Sampler Relanguishedby Sampl Tim Beaumont Sampler(s) Name(s) other Relinquished by: Company Name Project Contact treet Address Accuted Sample 8



# Appendix B – Purge Water Disposal Manifest

D125935

BAF617

Form Approved. OMB No. 2050-0039

	IFORM HAZARDOUS	1. Generator ID Nu			53.	or Elmorgene)	Respons	00 / 110110		n n n	Number	- 0 -	
	VASTE MANIFEST	STE MANIFEST NYD 000 730 390 1 (800) 424-9300		023966059 <b>JJK</b>									
5 G	5. Generator's Name and Mailing Address				And the same of th			nan mailing add					
	Niagara Mohaw	k Power Cor	posation										
	300 Erle Blvd. V	lest, Syracus	se, NY 13202		-	SIR Site	- 93 D	Dewey Av	e. Buffalo	, NY 143	214		
			Alt: Steve Stu	cker				1,500					
ö, Tr	ransporter 1 Company Nam								U.S. EPA II				
7 T	Sun Environme		tion								100 176 9	958	
/,.Ira	ansporter 2 Company Nam	е							U.S. EPA ID	Number 1			
Q 15-	esignated Facility Name an	I Dito Address											
0. 106									U.S. EPA II	Number			
	Cycle Chem, Inc										حدوق		
	550 Industrial D		IY, PA 17338						1	PAD	67 098	822	
-		7-938-4700	Objectes N	10			10.6				т —		
9a. HM	9b. U.S. DOT Description and Packing Group (if a		onipping Name, Haz	zard Class, ID Number,			10. Conta	T	11_Total	12. Unit	13.	Waste Cod	es
_		***	oled Phylor	de 12mar a =	vo. tire		No.	Туре	Quantity	Wt./Vol.	-	_	
X	A STATE OF THE PARTY OF THE PAR			is, Liquid, 9, P				DM	44	K	13002	В	
	(PCB oily water	assumed g	reater than or	equal to 50 p	pm)		1		99				
	2				100			-		-	-		-
	3.							1					
	4_							1					
	Special Handling Instruction  CONT  CONT	AINER IDE	22 (TSCA W			Generato	<b>F</b> \$ 10	3698			ner Size:	AND THE RESERVE OF	L
15.	GENERATOR'S/OFFEROM marked and labeled/placard Exporter, I certify that the co	R'S CERTIFICATIO ded, and are in all re ontents of this cons	N: I hereby declare to a spects in proper confignment conform to the	that the contents of this dition for transport acc he terms of the attache	s consignment a cording to appliced EPA Acknowle	ire fully and acci	2~3 urately de al and nat sent	escribed above tional government	ental regulation	<b>Job</b>	# WILM-	MSCH-	aned
15.	GENERATOR'S/OFFEROR marked and labeled/placar Exporter, I certify that the collectify that the waste mining	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement	N: I hereby declare to a spects in proper confignment conform to the	that the contents of this dition for transport acc he terms of the attache	s consignment a cording to applic d EPA Acknowl ge quantity gene	are fully and acci able international edgment of Conserator (b) (if I	2~3 urately de al and nat sent	escribed above tional government	ental regulation	<b>Job</b>	# WILM-	MSCH-	aged
15.	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the collectify that the waste mining crator's/Offeror's Printed/Typ	R'S CERTIFICATIO ded, and are in all re- ontents of this cons- mization statement and Name	N: I hereby declare to espects in proper configment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene Sign	ire fully and acci	2~3 urately de al and nat sent	escribed above tional government	ental regulation	<b>Job</b>	# WILM-	ssified, pack am the Prim	aged, ary
15.	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the collectify that the waste mining crator's/Offeror's Printed/Typ	R'S CERTIFICATIO ded, and are in all re- ontents of this cons- mization statement and Name	N: I hereby declare to espects in proper configment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene Sign	are fully and acci able international edgment of Conserator (b) (if I	2~3 urately de al and nat sent	escribed above tional government	ental regulation	<b>Job</b>	e, and are cla nipment and l	ssified, pack am the Prim	aged, ary
15. Gene	GENERATOR'S/OFFEROI marked and labeled/placare Exporter, I certify that the co I certify that the waste mini- prator's/Offeror's Printed/Typ	R'S CERTIFICATIO ded, and are in all re ontents of this consinization statement ed Name Import to	N: I hereby declare tespects in proper confignment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene Sign	are fully and acc able international adgment of Con- trator (or (b) (iff	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, and are cla nipment and l	ssified, pack am the Prim	aged, ary
15. Generation 16. In	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the colling that the waste minimal certify that the waste minimal certification of the colling that the waste minimal certification of the colling that the	R'S CERTIFICATIO ded, and are in all reportents of this consinization statement ed Name Import to s only):	N: I hereby declare to appects in proper confignment conform to the identified in 40 CFR 20 U.S.	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene	are fully and acc able international adgment of Con- trator (or (b) (iff	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, and are cla nipment and l	ssified, pack am the Prim	aged, ary
16. In Trans	GENERATOR'S/OFFEROMARKED and labeled/placare Exporter, I certify that the collectify that the waste minimator's/Offeror's Printed/Typuternational Shipments sporter signature (for exportansporter Acknowledgment	R'S CERTIFICATIO ded, and are in all reportents of this consinization statement and Name Import to s only): of Receipt of Materia	N: I hereby declare to appects in proper confignment conform to the identified in 40 CFR 20 U.S.	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene	are fully and acc able international adgment of Con- trator (or (b) (iff	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, ard are cla nipment and I	MSCH sssified, pack am the Prin	raged, nary
Cene 16. In Trans	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the collection of the control of the co	R'S CERTIFICATIO ded, and are in all re- ontents of this cons- mization statement ed Name Import to s only): of Receipt of Materia	N: I hereby declare tespects in proper configmment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowle ge quantity gene	are fully and acc able international adgment of Con- trator (or (b) (iff	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, ard are cla nipment and I	ssified, pack am the Prim	raged, arry
Cene 16. In Trans 17. Trans	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the color certify that the waste mining prator's/Offeror's Printed/Typenternational Shipments sporter signature (for export ransporter Acknowledgment	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi	N: I hereby declare tespects in proper configmment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations are additionally attended to the state of the	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, and are cla	MSCH- sssified, pack am the Prim  7   18	Year Year   2
General 16. In Trans	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the collection of the control of the co	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi	N: I hereby declare tespects in proper configmment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and acc able international adgment of Con- trator (or (b) (iff	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, ard are cla nipment and I	MSCH- sssified, pack am the Prim  7   18	Yeary
Cene 16. In Trans 17. To	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the co I certify that the waste minic prator's/Offeror's Printed/Type Iternational Shipments sporter signature (for export ransporter Acknowledgment portus Printed/Typed Nan sporter 2 Printed/Typed Nan	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi	N: I hereby declare tespects in proper configmment conform to the identified in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations are additionally attended to the state of the	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, and are cla	MSCH- sssified, pack am the Prim  7   18	Yeary
Cene 116. In Trans Trans Trans	GENERATOR'S/OFFEROR marked and labeled/placare Exporter, I certify that the collection of the collecti	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ded Name Import to s only): of Receipt of Materi	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accident fully and accident fully and accident fully and accident fully accident f	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	<b>Job</b>	e, and are cla	MSCH- sssified, pack am the Prim  7   18	Yeary
Cene 116. In Trans 117. To	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the co I certify that the waste minic prator's/Offeror's Printed/Type Iternational Shipments sporter signature (for export ransporter Acknowledgment portus Printed/Typed Nan sporter 2 Printed/Typed Nan	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this ndition for transport acc he terms of the attache 262.27(a) (if I am a larg	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations are additionally attended to the state of the	urately de al and nat sent am a sma	escribed above tional governm all quantity ger	ental regulation	shipping nam s. If export sh	e, and are cla	MSCH- sssified, pack am the Prim  7   18	Year Year
General 16. In Trans	GENERATOR'S/OFFEROR marked and labeled/placare Exporter, I certify that the collection of the collecti	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ded Name Import to s only): of Receipt of Materi	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations additional areas and accumulation accumulation and accumulation a	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation	shipping nam s. If export sh	e, and are cla	MSCH assified, pack am the Prim th Day	Year
16. In Trans 17. Trans 18. Di 18a. E	GENERATOR'S/OFFEROR marked and labeled/placare Exporter, I certify that the collection of the collecti	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ded Name Import to s only): of Receipt of Materia	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accident fully and accident fully and accident fully and accident fully accident f	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	MSCH assified, pack am the Prim th Day	Year Year
Genee 16. In Trans 17. Trans 18. Di 18a. E	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the color certify that the waste minimistrator's/Offeror's Printed/Type International Shipments sporter signature (for export ransporter Acknowledgment approars Printed/Typed Name sporter 2 Printed/Typed N	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ded Name Import to s only): of Receipt of Materia	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations additional areas and accumulation accumulation and accumulation a	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation	shipping nams. If export sh	e, and are cla	MSCH assified, pack am the Prim th Day	Year
15. 16. In Trans 17. Trans 18. Di 18a. C	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the co I certify that the waste minis prator's/Offeror's Printed/Type Iternational Shipments sporter signature (for export ransporter Acknowledgment ports Printed/Type Nan iscrepancy Discrepancy Indication Space	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ded Name Import to s only): of Receipt of Materia	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations additional areas and accumulation accumulation and accumulation a	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	MSCH assified, pack am the Prim th Day	Year Year
16. In Trans 17. To Trans 18. Di 18a. E	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the color certify that the waste minimistrator's/Offeror's Printed/Type International Shipments sporter signature (for export ransporter Acknowledgment approars Printed/Typed Name sporter 2 Printed/Typed N	R'S CERTIFICATIO ded, and are in all re onitents of this consinization statement ed Name  Import to s only): of Receipt of Material  Ce Quan  Ce Quan	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations additional areas and accumulation accumulation and accumulation a	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	am the Prim	Year Year
Genee 16. In Trans 17. To Trans 18. Di 18a. E	GENERATOR'S/OFFEROMATIVE AND A CONTROL OF THE CONTR	R'S CERTIFICATIO ded, and are in all re onitents of this consinization statement ed Name  Import to s only): of Receipt of Material  Ce Quan  Ce Quan	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 2	that the contents of this didition for transport acche terms of the attache 262.27(a) (if I am a large	s consignment a cording to applic d EPA Acknowl ge quantity gens Sign	are fully and accumulation able internations able internations additional areas and accumulation accumulation and accumulation a	urately de al and nat sent arm a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	MSCH assified, pack am the Prim th Day	Year Year
General 16. In Trans 17. Trans 18. Di 18b. A Facilit 18c. S	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the cell certify that the cell certify that the waste mining the certify that the waste mining the certify that the waste mining the certific that the cell certify that the cell certify that the cell certific that the cell cer	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi in  and a constant of the cons	N: I hereby declare to aspects in proper configuration to the declare of the decl	that the contents of this dition for transport acc he terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowling quantity gene Sign  Export from U  Sign	ature Resi	urately de al and nat sent. am a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	am the Prim	Year Year
16. In Trans 17. Trans 18. Di 18a. E 18b. A	GENERATOR'S/OFFEROMATIVE AND A CONTROL OF THE CONTR	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi in  and a constant of the cons	N: I hereby declare to aspects in proper configuration to the declare of the decl	that the contents of this dition for transport acc he terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowling quantity gene Sign  Export from U  Sign	ature Resi	urately de al and nat sent. am a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.  Partial Re U.S. EPAID	shipping nams. If export sh	e, and are cla	am the Prim	Year Year
General 16. In Trans 17. Trans 18. Di 18b. A Facilit 18c. S	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the cell certify that the cell certify that the waste mining the certify that the waste mining the certify that the waste mining the certific that the cell certify that the cell certify that the cell certific that the cell cer	R'S CERTIFICATIO ded, and are in all re ontents of this cons mization statement ed Name Import to s only): of Receipt of Materi in  and a constant of the cons	N: I hereby declare the aspects in proper configuration to the declare in 40 CFR 20 U.S.  als  Codes (i.e., codes for	that the contents of this dition for transport acc he terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowling quantity general Sign Sign Sign Sign Sign Sign Sign Sign	ature Resi	urately de al and nat sent. am a sm:	escribed above tional governmal quantity get antry/exit: ing U.S.:	ental regulation negator) is true.	shipping nams. If export sh	e, and are cla	am the Prim	Year Year
16. In Trans 17. Tr Trans 18. Di 18a. E 18b. A	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the cor- Exporter is certify that the waste mining a correct of the waste management of the waste mana	R'S CERTIFICATIO ded, and are in all re ontents of this consinization statement and Name Import to s only): of Receipt of Materia  De Quan dor)  y (or Generator)	N: I hereby declare the spects in proper configuration for the declare the spects in proper configuration for the declared in 40 CFR 20 U.S. als als Codes (i.e., codes for 2.	that the contents of this addition for transport access the terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowla ge quantity gene Sign Sign Sign Sign June 1, disposal, 3	are fully and accidable internations able internations are fully are followed by the state of th	urately de al and nat sent am a sm:  Port of er Date leav  idue  Reference	escribed above tional governmal quantity gerentry/exit: ring U.S.:	ental regulation negator) is true.  Partial Re U.S. EPAID	shipping nams. If export sh	e, and are cla	am the Prim	Year Year
16. In Trans 17. Trans 18. Di 18a. E 18b. A Facilita 18c. S 19. Ha 1.	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the cell certify that the cell certify that the waste mining the certify that the waste mining the certify that the waste mining the certific that the cell certify that the cell certify that the cell certific that the cell cer	R'S CERTIFICATIO ded, and are in all re ontents of this consinization statement and Name Import to s only): of Receipt of Materia  De Quan dor)  y (or Generator)	N: I hereby declare the spects in proper configuration for the declare the spects in proper configuration for the declared in 40 CFR 20 U.S. als als Codes (i.e., codes for 2.	that the contents of this addition for transport access the terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowla ge quantity gene Sign Sign Sign Sign June 1, disposal, 3	are fully and accidable internations able internations are fully are followed by the state of th	urately de al and nat sent am a sm:  Port of er Date leav  idue  Reference	escribed above tional governmal quantity gerentry/exit: ring U.S.:	ental regulation negator) is true.  Partial Re U.S. EPAID	shipping nams. If export sh	e, and are cla	ASCHA SSIFIED AND ADDRESS AND	Year Year
16. In Trans 17. Trans 18. Di 18a. E 18b. A Facilita 18c. S 19. Ha 1.	GENERATOR'S/OFFEROM marked and labeled/placare Exporter, I certify that the co- certify that the waste mining a control of the waste market waste waste market waste was	R'S CERTIFICATIO ded, and are in all re ontents of this consinization statement and Name Import to s only): of Receipt of Materia  De Quan dor)  y (or Generator)	N: I hereby declare the spects in proper configuration for the declare the spects in proper configuration for the declared in 40 CFR 20 U.S. als als Codes (i.e., codes for 2.	that the contents of this addition for transport access the terms of the attache 262.27(a) (if I am a larger Type	s consignment a cording to applic de EPA Acknowla ge quantity gene Sign Sign Sign Sign June 1, disposal, 3	are fully and accidable internations able internations are fully are followed by the state of th	urately de al and nat sent am a sm:  Port of er Date leav  idue  Reference	escribed above tional governmal quantity gerentry/exit: ring U.S.:	ental regulation negator) is true.  Partial Re U.S. EPAID	shipping nams. If export sh	e, and are cla	Assertied, packam the Primary 18 18 18 18 18 18 18 18 18 18 18 18 18	Year Year

# LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM FOR NEW YORK STATE REGULATED PCB WASTES

This form is required for wastes containing 50 ppm PCBs or greater. The profiled waste on the manifest number indicated below is listed hazardous waste (B-Coded) in NY State. Note: 50-499 ppm PCB drained articles and small capacitors (as defined in 40CFR 761.3) are not regulated by NY State. Please complete items 1-9 and send with ALL shipments of waste.

1)	Generator Name: Niagara Mohawk Power Corp (d.b.a., National Grid)							
2)	Generator Location Name: SIR Site 93 Dewey Ave., Buffalo NY 14214							
3)	Manifest No.: 023966059 JJK	4) Profile/Approval No.:	125054-TWI22					

# 5) Please check all boxes that apply.

NYS WASTE CODE	IDENTIFY SPECIFIC TYPE OF PCB WASTE CHECK PROPER BOXES								
B001		Concentrated PCB Oil							
B002	X	Oil/liquid 50-499 ppm PCB	ls						
B003		Oil/liquid 500 ppm or great	ter PCBs						
		Manufacti	ured PCB Articles (50-49	)9 ppm):					
		Transformers	Motors	Switches	Cable				
B004		Pipe	Lg. Capacitors	Bushings	Pumps				
		Other (specify):							
	5.00 SM (1	Manufactured PCB Articl	es (other than transform	ers) 500 ppm or g	reater:				
		Motors	Switches	Cable	Pumps				
B005		Lg. Capacitors	Bushings	Pipe					
		Other (specify):							
B006		PCB Transformers 50	PCB Transformers 500 ppm or greater						
Ministra III in the			Other PCB Wastes:						
	and the same	Soil	Sludge	Clothing	Rags				
B007		Wood	PPE	Coal Tar	Other (Specify):				

# 6.) Check one box as appropriate:

# CERTIFICATION - WASTE MEETS LAND DISPOSAL TREATMENT STANDARDS

I am the generator of the waste as identified above, that is restricted under 6 NYCRR Part 376. I have determined that this waste meets all applicable treatment standards set forth in 6 NYCRR 376 and, therefore, it can be landfilled without further treatment. Waste does not include solidified B002 material (liquid with PCBs 50-500 ppm).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 6 NYCRR Part 376, Section 376.4, and all applicable prohibitions set forth in 376.3(b) of Part 376 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

# NOTIFICATION - WASTE DOES NOT MEET LAND DISPOSAL TREATMENT STANDARDS

l vl	I am the generator of a waste restricted under 6 NYCRR Part 376 as identified above. I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment Standards specified in 6 NYCRR Part 376.4(f). This waste must be treated to the applicable standards set forth in 6 NYCRR 376.4(f) prior to land disposal.
------	---

7.) Signature:

8.) Title:

longue en behell

9) Date:

7/18/22

# NIAGARA MOHAWK POWER CORPORATION PCB WASTE CONTINUATION SHEET

SIR Site - 93 Dewey Ave., Buffalo, NY 14214 FACILITY ADDRESS: NYD 000 730 390 EPA IDENTIFICATION NO. 1 PAGE 1 OF 125054 - TW122 APPROVAL / PROFILE NO. SIGNATURE DATE 7-182 SIGNATURE OF GENERATOR: DATE MANIFEST PCB Conc. DOCK OUT OF OFFSITE GENERATOR MANIFEST UNIT MATERIAL TSCA QUANTITY UNITS RANGE WEIGHT SERVICE FOR UNIQUE ID No. OR LINE NO. TYPE TYPE DESCRIPTION STORAGE / (ppm) (KG) DATE SERIAL No. No. DISPOSAL 023966059 DM 1 K 7/5/22 99 50-499 99 PCB Liquid PCB Container 6059-1 JJK nationalgrid 9/24/2021 PCBLDR.doc

# LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM FOR NEW YORK STATE REGULATED PCB WASTES

This for m is required for wastes containing 50 ppm PCBs or greater. The profiled waste on the manifest number indicated below is listed hazardous waste (B-Coded) in NY State. Note: 50-499 ppm PCB drained articles and small capacitors (as defined in 40CFR 761.3) are not regulated by NY State. Please complete items 1-9 and send with ALL shipments of waste.

1)	Generator Name: Niagara Mohawk Power Corp (d.b.a., National Grid)						
2)	Generator Location Name: SIR Site 93 Dewey Ave., Buffalo NY 14214						
3)	Manifest No.: 023966059 JJK	4) Profile/Approval No.:	125054-TWI22				

# 5) Please check <u>all</u> boxes that apply.

NYS WASTE CODE	IDENTIFY SPECIFIC TYPE OF PCB WASTE CHECK PROPER BOXES									
B001		Concentrated PCB Oil								
B002	X	Oil/liquid 50-499 ppm PCI	Bs							
B003		Oil/liquid 500 ppm or grea	ter PCBs							
		Manufact	ured PCB Articles (50-4)	99 ppm):						
		Transformers	Motors	Switches	Cable					
B004		Pipe	Lg. Capacitors	Bushings	Pumps					
		Other (specify):								
		Manufactured PCB Articl	es (other than transform	ers) 500 ppm or ;	greater:					
		Motors	Switches	Cable	Pumps					
B005		Lg. Capacitors	Bushings	Pipe						
		Other (specify):								
B006 PCB Transformers 500 ppm or greate										
			Other PCB Wastes:							
Dnoz		Soil	Sludge	Clothing	Rags					
B007		Wood	PPE	Coal Tar	Other (Specify):					

# 6.) Check one box as appropriate:

# CERTIFICATION - WASTE MEETS LAND DISPOSAL TREATMENT STANDARDS

I am the generator of the waste as identified above, that is restricted under 6 NYCRR Part 376. I have determined that this waste meets all applicable treatment standards set forth in 6 NYCRR 376 and, therefore, it can be landfilled without further treatment. Waste does not include solidified B002 material (liquid with PCBs 50-500 ppm).

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 6 NYCRR Part 376, Section 376.4, and all applicable prohibitions set forth in 376.3(b) of Part 376 or RCRA section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

# NOTIFICATION - WASTE <u>DOES NOT</u> MEET LAND DISPOSAL TREATMENT STANDARDS

I am the generator of a waste restricted under 6 NYCRR Part 376 as identified above. I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment Standards specified in 6 NYCRR Part 376.4(f). This waste must be treated to the applicable standards set forth in 6 NYCRR 376.4(f) prior to land disposal.

7.)	Signature:
-----	------------

8) Title.

9.) Date:

7/18/22



# **Appendix C - Groundwater Monitoring Laboratory Data**



Dayton, NJ 07/05/22

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0 **Automated Report** 

# **Technical Report for**

# **Groundwater & Environmental Services**

National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

0603275-142140-221-1106

SGS Job Number: JD46798

Sampling Dates: 06/13/22 - 06/14/22



**Groundwater & Environmental Services** 6780 Northern Boulevard Suite 100 East Syracuse, NY 13057

DShay@GESOnline.com; GES@EquisOnline.com; TBeaumont@GESOnline.com; NERegion@GESOnline.com

ATTN: Tim Beaumont

Total number of pages in report: 746

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

**David Chastain General Manager** 

Client Service contact: Marie Meidhof 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX, UT, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS. Test results relate only to samples analyzed.

SGS North America Inc. • 2235 Route 130 • Dayton, NJ 08810 • tel: 732-329-0200 • fax: 732-329-3499

2

3

4

5

6

8 9

# Table of Contents

Section 1: Sample Summary	4
Section 2: Case Narrative/Conformance Summary	9
Section 3: Summary of Hits	<b>∞</b>
Section 4: Sample Results	6
<b>4.1:</b> JD46798-1: MW-1-0622	10
<b>4.2:</b> JD46798-2: MW-6-0622	11
<b>4.3:</b> JD46798-3: MW-9-0622	12
<b>4.4:</b> JD46798-4: MW-11-0622	13
<b>4.5:</b> JD46798-5: MW-12-0622	14
<b>4.6:</b> JD46798-6: MW-20-0622	15
<b>4.7:</b> JD46798-7: MW-21-0622	16
<b>4.8:</b> JD46798-8: MW-24-0622	17
<b>4.9:</b> JD46798-9: FIELD DUPLICATE-0622	18
<b>4.10</b> : JD46798-10: MW-16-0622	19
<b>4.11:</b> JD46798-11: TRIP BLANK	21
Section 5: Misc. Forms	23
5.1: Chain of Custody	24
5.2: Sample Tracking Chronicle	26
5.3: Internal Chain of Custody	28
Section 6: MS Volatiles - QC Data Summaries	32
6.1: Method Blank Summary	33
6.2: Blank Spike Summary	35
6.3: Matrix Spike/Matrix Spike Duplicate Summary	37
6.4: Instrument Performance Checks (BFB)	39
6.5: Internal Standard Area Summaries	42
6.6: Surrogate Recovery Summaries	43
6.7: Initial and Continuing Calibration Summaries	44
6.8: Run Sequence Reports	61
Section 7: MS Volatiles - Raw Data	63
7.1: Samples	64
7.2: Method Blanks	69
7.3: Blank Spikes	72
7.4: Matrix Spike/Matrix Spike Duplicates	9/
7.5: Instrument Performance Checks (BFB)	84
7.6: Initial and Continuing Calibrations	06
7.7: Instrument Run Logs	145
Section 8: GC/LC Semi-volatiles - QC Data Summaries	149
8.1: Method Blank Summary	150
8.2: Blank Spike Summary	152
8.3: Matrix Spike/Matrix Spike Duplicate Summary	153
8.4: GC Identification Summaries (Hits)	154
8.5: Surrogate Recovery Summaries	. 159
	. 159

# **Sections:**

# **Table of Contents**

-2-

8.6: GC Surrogate Retention Time Summaries	160
8.7: Initial and Continuing Calibration Summaries	165
8.8: Run Sequence Reports	240
Section 9: GC/LC Semi-volatiles - Raw Data	247
<b>9.1:</b> Samples	248
9.2: Method Blanks	322
9.3: Blank Spikes	332
9.4: Matrix Spike/Matrix Spike Duplicates	345
9.5: Initial and Continuing Calibrations	375
9.6: Instrument Run Logs	732
<b>9.7:</b> Prep Logs	746







# **Sample Summary**

Groundwater & Environmental Services

Job No:

JD46798

National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY Project No: 0603275-142140-221-1106

Sample Number	Collected Date	Time By	Received	Matr Code		Client Sample ID
This report co Organics ND		alts reported as			cted. The following app	plies:
JD46798-1	06/13/22	13:00 TB	06/15/22	AQ	Ground Water	MW-1-0622
JD46798-2	06/13/22	11:20 TB	06/15/22	AQ	Ground Water	MW-6-0622
JD46798-2D	06/13/22	11:20 TB	06/15/22	AQ	Water Dup/MSD	MW-6-MSD-0622
JD46798-2S	06/13/22	11:20 TB	06/15/22	AQ	Water Matrix Spike	MW-6-MS-0622
JD46798-3	06/13/22	10:40 TB	06/15/22	AQ	Ground Water	MW-9-0622
JD46798-4	06/13/22	10:00 TB	06/15/22	AQ	Ground Water	MW-11-0622
JD46798-5	06/13/22	09:15 TB	06/15/22	AQ	Ground Water	MW-12-0622
JD46798-6	06/14/22	08:30 TB	06/15/22	AQ	Ground Water	MW-20-0622
JD46798-7	06/14/22	09:15 TB	06/15/22	AQ	Ground Water	MW-21-0622
JD46798-8	06/14/22	07:45 TB	06/15/22	AQ	Ground Water	MW-24-0622
JD46798-9	06/13/22	00:00	06/15/22	AQ	Ground Water	FIELD DUPLICATE-0622
JD46798-10	06/13/22	14:00 TB	06/15/22	AQ	Ground Water	MW-16-0622





# Sample Summary (continued)

Groundwater & Environmental Services

Job No:

JD46798

National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY Project No: 0603275-142140-221-1106

Sample	Collected		Matrix		Client
Number	Date	Time By	Received	Code Type	Sample ID
JD46798-11	06/14/22	09:15 TB	06/15/22	AQ Trip Blank Water	TRIP BLANK

# 7

# CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Groundwater & Environmental Services Job No: JD46798

Site: National Grid, Dewey Avenue Service Center 144 Kensington Ave, Report Date 7/1/2022 5:09:08 PM

On 06/15/2022, 10 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 4.6 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JD46798 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

# MS Volatiles By Method SW846 8260D

Matrix: AQ Batch ID: V4D5280

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD46611-2MS, JD46611-2MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for cis-1,2-Dichloroethene, Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- Matrix Spike Duplicate Recovery(s) for cis-1,2-Dichloroethene, Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JD46798-10 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD46798-10 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JD46798-11 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD46798-11 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.

# GC/LC Semi-volatiles By Method EPA 608.3

Matrix: AQ Batch ID: OP40359

- All samples were extracted within the recommended method holding time.
- Sample(s) JD46798-2MS, JD46798-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP40359-MB1: Had TBA cleanup.
- JD46798-7: Had TBA cleanup.
- JD46798-8: Had TBA cleanup.
- JD46798-3 for Tetrachloro-m-xylene: Outside control limits due to matrix interference.
- OP40359-BS1 for Aroclor 1016: Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.
- JD46798-9 for Decachlorobiphenyl: Outside of in house control limits.

Friday, July 1, 2022 Page 1 of 2

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

Friday, July 1, 2022 Page 2 of 2

**Summary of Hits Job Number:** JD46798

**Account:** Groundwater & Environmental Services

Project: National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

**Collected:** 06/13/22 thru 06/14/22

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD46798-1	MW-1-0622					
Aroclor 1242		0.20	0.049	0.026	ug/l	EPA 608.3
JD46798-2	MW-6-0622					
No hits reported	in this sample.					
JD46798-3	MW-9-0622					
Aroclor 1242		0.47	0.049	0.026	ug/l	EPA 608.3
JD46798-4	MW-11-0622					
No hits reported	in this sample.					
JD46798-5	MW-12-0622					
No hits reported	in this sample.					
JD46798-6	MW-20-0622					
No hits reported	in this sample.					
JD46798-7	MW-21-0622					
No hits reported	in this sample.					
JD46798-8	MW-24-0622					
No hits reported	in this sample.					
JD46798-9	FIELD DUPLICA	TE-0622				

No hits reported in this sample.

JD46798-10 MW-16-0622

No hits reported in this sample.

JD46798-11 TRIP BLANK

No hits reported in this sample.



# Dayton, NJ

# Section 4

Sample Results	
Report of Analysis	

# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-1-0622

Lab Sample ID: JD46798-1 **Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G119518.D	1	06/29/22 04:36	CP	06/17/22 15:00	OP40359	G5G3046
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

#### **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260	ND ND ND 0.20 ND ND ND	0.049 0.049 0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.019 0.026 0.024 0.033 0.026	ug/l ug/l ug/l ug/l ug/l ug/l ug/l	
CAS No.  877-09-8 877-09-8 2051-24-3 2051-24-3	Surrogate Recoveries  Tetrachloro-m-xylene Tetrachloro-m-xylene Decachlorobiphenyl Decachlorobiphenyl	Run# 1  95% 61% 31% 34%	Run# 2	Limi 10-15 10-15 10-14 10-14	ts 56% 56% 13%	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value





# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-6-0622 Lab Sample ID: JD46798-2

**Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	2G217832.D	1	06/23/22 16:07	CL	06/17/22 15:00	OP40359	G2G5718
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254	ND ND ND ND ND	0.049 0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.020 0.026 0.025 0.033	ug/l ug/l ug/l ug/l ug/l	
11096-82-5 <b>CAS No.</b> 877-09-8	Aroclor 1260  Surrogate Recoveries  Tetrachloro-m-xylene	ND Run# 1 26%	0.049 Run# 2	0.026 <b>Limi</b>		
877-09-8 2051-24-3 2051-24-3	Tetrachloro-m-xylene Decachlorobiphenyl Decachlorobiphenyl	29% 23% 20%	10-156% 10-143% 10-143%			

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-9-0622 Lab Sample ID: JD46798-3 **Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	5G119517.D	1	06/29/22 04:19	CP	06/17/22 15:00	OP40359	G5G3046
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.049	0.033	ug/l	
11104-28-2	Aroclor 1221	ND	0.049	0.028	ug/l	
11141-16-5	Aroclor 1232	ND	0.049	0.019	ug/l	
53469-21-9	Aroclor 1242	0.47	0.049	0.026	ug/l	
12672-29-6	Aroclor 1248	ND	0.049	0.024	ug/l	
11097-69-1	Aroclor 1254	ND	0.049	0.033	ug/l	
11096-82-5	Aroclor 1260	ND	0.049	0.026	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limi	ts	
877-09-8	Tetrachloro-m-xylene	183% a		10-15	56%	
877-09-8	Tetrachloro-m-xylene	49%		10-13	56%	
2051-24-3	Decachlorobiphenyl	43%		10-14	43%	
2051-24-3	Decachlorobiphenyl	44%		10-14	43%	

(a) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-11-0622

Lab Sample ID: JD46798-4 **Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: EPA 608.3 EPA 608 Percent Solids: n/a **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G217777.D	1	06/22/22 23:32	CL	06/17/22 15:00	OP40359	G2G5717
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

#### **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254	ND ND ND ND ND	0.049 0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.019 0.026 0.024 0.033	ug/l ug/l ug/l ug/l ug/l	
11096-82-5 <b>CAS No.</b> 877-09-8	Aroclor 1260  Surrogate Recoveries  Tetrachloro-m-xylene	ND Run# 1 81%	0.049 Run# 2	0.026 <b>Limi</b>	-~	
877-09-8 877-09-8 2051-24-3 2051-24-3	Tetrachloro-m-xylene Decachlorobiphenyl Decachlorobiphenyl	77% 59% 55%	10-156% 10-156% 10-143% 10-143%		56% 13%	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value

RL = Reporting Limit

E = Indicates value exceeds calibration range





# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-12-0622 Lab Sample ID: JD46798-5 **Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	2G217778.D	1	06/22/22 23:48	CL	06/17/22 15:00	OP40359	G2G5717
Run #2							

	<b>Initial Volume</b>	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254	ND ND ND ND ND ND	0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.019 0.026 0.024 0.033	ug/l ug/l ug/l ug/l ug/l	
11096-82-5 CAS No.	Aroclor 1260  Surrogate Recoveries	ND Run# 1	0.049 Run# 2	0.026 <b>Limi</b>		
877-09-8 877-09-8 2051-24-3 2051-24-3	Tetrachloro-m-xylene Tetrachloro-m-xylene Decachlorobiphenyl Decachlorobiphenyl	60% 62% 23% 22%		10-1: 10-1: 10-1: 10-1:	56% 43%	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Client Sample ID: MW-20-0622 Lab Sample ID: JD46798-6 **Date Sampled:** 06/14/22 Matrix: **Date Received:** 06/15/22 AQ - Ground Water Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

		File ID	DF	Analyzed	By	Prep Date	<b>Prep Batch</b>	Analytical Batch	
Ru	n #1	2G217779.D	1	06/23/22 00:05	CL	06/17/22 15:00	OP40359	G2G5717	
Ru	n #2								

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2	Aroclor 1016 Aroclor 1221	ND ND	0.049 0.049	0.033 0.028	ug/l ug/l	
11141-16-5	Aroclor 1232	ND	0.049	0.019	ug/l	
53469-21-9 12672-29-6	Aroclor 1242 Aroclor 1248	ND ND	0.049	0.026 0.024	ug/l	
11097-69-1	Aroclor 1254	ND ND	0.049	0.024	ug/l ug/l	
11096-82-5	Aroclor 1260	ND	0.049	0.026	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limi	ts	
877-09-8	Tetrachloro-m-xylene	23%		10-15	56%	
877-09-8	Tetrachloro-m-xylene	28%		10-13	56%	
2051-24-3	Decachlorobiphenyl	23%	10-143%			
2051-24-3	Decachlorobiphenyl	22%	10-143%			

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 1 of 1

Client Sample ID: MW-21-0622

SGS North America Inc.

Lab Sample ID: JD46798-7 **Date Sampled:** 06/14/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: Percent Solids: n/a EPA 608.3 EPA 608 **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	<b>Analytical Batch</b>
Run #1 a	2G218012.D	1	06/27/22 18:19	CL	06/17/22 15:00	OP40359	G2G5721
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242	ND ND ND ND	0.049 0.049 0.049 0.049	0.033 0.028 0.020 0.026	ug/l ug/l ug/l ug/l	
12672-29-6 11097-69-1 11096-82-5	Aroclor 1248 Aroclor 1254 Aroclor 1260	ND ND ND	0.049 0.049 0.049	0.025 0.033 0.026	ug/l ug/l ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limi	its	
877-09-8 877-09-8 2051-24-3	Tetrachloro-m-xylene Tetrachloro-m-xylene Decachlorobiphenyl	91% 82% 52%		10-1; 10-1; 10-1	56%	
2051-24-3	Decachlorobiphenyl	53%	10-143%		43%	

(a) Had TBA cleanup.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value





# **Report of Analysis**

Client Sample ID:MW-24-0622Lab Sample ID:JD46798-8Date Sampled:06/14/22Matrix:AQ - Ground WaterDate Received:06/15/22Method:EPA 608.3 EPA 608Percent Solids:n/aProject:National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	<b>Analytical Batch</b>
Run #1 a	2G218013.D	1	06/27/22 18:35	CL	06/17/22 15:00	OP40359	G2G5721
Run #2							

	<b>Initial Volume</b>	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254	ND ND ND ND ND ND	0.049 0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.019 0.026 0.024 0.033	ug/l ug/l ug/l ug/l ug/l ug/l	
11096-82-5	Aroclor 1260	ND	0.049	0.026	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Lim	its	
877-09-8	Tetrachloro-m-xylene	81%		10-1	56%	
877-09-8	Tetrachloro-m-xylene	76%		10-1	56%	
2051-24-3	Decachlorobiphenyl	51%		10-1	43%	
2051-24-3	Decachlorobiphenyl	53%		10-1	43%	

(a) Had TBA cleanup.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 1 of 1

Client Sample ID: FIELD DUPLICATE-0622

Lab Sample ID: JD46798-9 **Date Sampled:** 06/13/22 Matrix: AQ - Ground Water **Date Received:** 06/15/22 Method: EPA 608.3 EPA 608 Percent Solids: n/a **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	<b>Prep Batch</b>	<b>Analytical Batch</b>
Run #1	2G217782.D	1	06/23/22 00:54	CL	06/17/22 15:00	OP40359	G2G5717
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

## **PCB List**

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5	Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260	ND ND ND ND ND ND ND ND ND	0.049 0.049 0.049 0.049 0.049 0.049	0.033 0.028 0.020 0.026 0.025 0.033 0.026	ug/l ug/l ug/l ug/l ug/l ug/l	
CAS No.  877-09-8  877-09-8	Surrogate Recoveries  Tetrachloro-m-xylene Tetrachloro-m-xylene	Run# 1 32% 37%	Run# 2 Limits  10-156% 10-156% 10-143%		56% 56%	
2051-24-3 2051-24-3	Decachlorobiphenyl Decachlorobiphenyl	9% a 9% a		10-14		

<sup>(</sup>a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 1 of 2

**Date Sampled:** 06/13/22

Client Sample ID: MW-16-0622 Lab Sample ID: JD46798-10

Matrix: **Date Received:** 06/15/22 AQ - Ground Water Method: Percent Solids: n/a SW846 8260D **Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

$R_{\text{un}} #1  AD118873 D  1  06/21/22 22:00 RK  n/s  n/s  VA$		File ID	DF	Analyzed	By	Prep Date	Prep Batch	<b>Analytical Batch</b>
Ruii π1 4D110073.D 1 00/21/22 22.00 BR 11/a 11/a V4	Run #1	4D118873.D	1	06/21/22 22:00	BK	n/a	n/a	V4D5280

Run #2

**Purge Volume** 

Run #1 5.0 ml

Run #2

# **VOA TCL List**

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane <sup>a</sup>	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane b	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.0	ug/l	

ND = Not detected

MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

# Page 2 of 2

# **Report of Analysis**

Client Sample ID:MW-16-0622Lab Sample ID:JD46798-10Date Sampled:06/13/22Matrix:AQ - Ground WaterDate Received:06/15/22Method:SW846 8260DPercent Solids:n/aProject:National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

# **VOA TCL List**

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2 Limits		ts	
1868-53-7	Dibromofluoromethane	90%		80-12	20%	
17060-07-0	1,2-Dichloroethane-D4	102%		80-12	20%	
2037-26-5	Toluene-D8	98%		80-12	20%	
460-00-4	4-Bromofluorobenzene	101%		82-1	14%	

<sup>(</sup>a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J =

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



<sup>(</sup>b) Associated CCV outside of control limits high, sample was ND.

# **Report of Analysis**

Page 1 of 2

**Client Sample ID:** TRIP BLANK

Lab Sample ID: JD46798-11 **Date Sampled:** 06/14/22 Matrix: **Date Received:** 06/15/22 AQ - Trip Blank Water Method: Percent Solids: n/a SW846 8260D National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY **Project:** 

	File ID	DF	Analyzed	By	<b>Prep Date</b>	Prep Batch	<b>Analytical Batch</b>
Run #1	4D118863.D	1	06/21/22 17:13	BK	n/a	n/a	V4D5280
Run #2							

Purge Volume
5.0 ml

#### **VOA TCL List**

CAS No.	Compound	Result	RL	MDL	Units Q	
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane <sup>a</sup>	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane b	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.0	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



# **Report of Analysis**

Page 2 of 2

Client Sample ID: TRIP BLANK

Lab Sample ID:JD46798-11Date Sampled:06/14/22Matrix:AQ - Trip Blank WaterDate Received:06/15/22Method:SW846 8260DPercent Solids:n/aProject:National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

# **VOA TCL List**

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	
CAS No.	<b>Surrogate Recoveries</b>	Run# 1	Run# 2 Limits		its	
1868-53-7	Dibromofluoromethane	90%		80-1	20%	
17060-07-0	1,2-Dichloroethane-D4	99%		80-1	20%	
2037-26-5	Toluene-D8	96%		80-1	20%	
460-00-4	4-Bromofluorobenzene	105%		82-1	14%	

<sup>(</sup>a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value



<sup>(</sup>b) Associated CCV outside of control limits high, sample was ND.



# Misc. Forms

Dayton, NJ

# **Custody Documents and Other Forms**

# Includes the following where applicable:

- · Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

	SGS	0 -		CHAI	N O	F C	US1	О	D'	Y				-	了 [[	>'	46	79	8							OF
	<b>3U3</b>	GW	)		5 Route 13 -329-0200 www		32-329-34		480					A	52 ccutest	Cuote #	06	541	74	101	M/ Accutes	rder Con <b>Y</b> - C st Job #	trol # ) 52 JC533	20	02	2-108
	Client / Reporting Information			Projec	t Informa		-							1	-	Rea	uested	Analy	sis ( s	see TE	STC	ODE s	heet)		$\neg$	Matrix Codes
Compa	any Name	Project Name:												_						T					$\Box$	
Gr Street	oundwater & Environmental Services, Inc.	National Gri	d - Dewey	Ave Service Cer	iter									_												DW - Drinking Water GW - Ground Water WW - Water
671	80 Northern Blvd, Suite 100	144 Kensing	ton Ave		Pilling	lefo consti	on ( if diff	- ne	team	Bana	-			$\neg$						1	İ	1			L ]	SW - Surface Water
City		City		State	Compan		on the diff	O COLO	THOM	порс	JI 10,			$\dashv$											ıΙ	SL- Sludge
Ea	st Syracuse, New York 13057	Buffalo, NY	14214												- 1	9 U 0	ΙI				1			ΙI	ıΙ	SED-Sediment OI - Oil
	t Contact	Project #			Street A	ddress								$\neg$		Naphthalene		- 1			1				. 1	LIQ - Other Liquid AIR - Air
Phone	n Beaumont	0603275-142		106										_	-	aph		- 1		ĺ					Ш	SOL - Other Solid
		Client Purchase	o Order #		City				Stat	е		2	lip			with N		- }			1				WP - Wipe FB-Field Blank EE	
	0-220-3069 ext 3313 er(s) Name(s) Phone #	Project Manage			Attention									-		ķ		- 1								Equipment Blank RB
1		Tim Beaumo			Automion		Δn	nıı	al (	GW:	•				<b>=</b>	8,00A		- 1								Rinse Blank TB Trip Blank
		Tim Deading	T	Collection		T	T 2"	Т				erved B	ottles	-	E G	TCL V								H		
Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial#	Date	Time	Sampled	Matrix	# of bottle	rs 豆	NaOH	HN03	NONE	Di Water	ENCORE		( P608PCBLL)	8260 TC										LAB USE ONLY
1	MW-1-0622		6/13/2	2 (300	18	GW	2	Ť	Ħ		x			$^{\dagger}$	x			$\neg$					Н			
	/MW-6-0622		6/13 Z	2 1120	ro	GW	2	†	П	十	×	П	$\top$	Ť	X							$\Box$		П	$\neg$	
2	MW-6-MS-0622		6/13/2	2 1120	100	GW	2	T	П	T	x	П	$\Box$	7	X									П		
	MW-6-MSD-0622		6/13/2	2 1120	n	GW	2	Т	П	T	x	П	$\sqcap$	T	X											
3	MW-9-0622		6]13/2	2 1040	10	GW	2		П		х	П	П	T	X											
4	MW-11-0622		6/13/12	12 1000	10	GW	2	Τ	П	T	Τx	П	П	Т	X									$\Box$		
5	MW-12-0622		6/13/2		TB	GW	2	T	П	T	x	П	$\Box$	+	х									П		
6	MW-20-0622		614 2	2 830	13	GW	2	Т	П	T	x	П	П	T	X									П	П	
7	MW-21-622		6)14/2	u 915	178	GW	2				х	П			X											
8	MW-24-0622		6/14/5	2 245	TB	GW	2	T	П		x				X											
9	Field Duplicate-0622		6/13/2	2 -		GW	2	T	П		x	П	$\top$	T	X									П	$\Box$	
10	MW-16-0622		6/13/2	2 1400	1B	GW	2	x	П			П	П	T		Х								П		
111	Trip Blank		,		T	GW	3	x	П	Т	Т	П	П	Т	$\neg$	X								П		
	Turnaround Time ( Business days)						1			ble In	forma	ation								Comr	nents /	Special	Instru	ctions		
	70	Approved By (Acc	utest PM): / Da	te:	1		ial "A" (L				_		SP Cat				Please				:					
	X Std. 10 Business Days     5 Day RUSH	seconoment	$G\epsilon$ :	313			ial "B" ( L		2)		X	•	SP Cat		В		dshay(									
	☐ 3 Day RUSH			•			( Level 3+	4)				,	e Form				tbeaun									
		Verification.			1 —	NJ Reduced EDD Format				at _			NERec				<u>m</u>									
						Commerc						] Oth		_			ges@e			_						
1 Day RUSH				NJ Data of Known Quality Protocol Reporting Specific EDD Name:																						

Sample Custody must be documented below each time samples change possession, including courier de

FEDEX

1430 Received By:

JD46798: Chain of Custody

Page 1 of 2

Cooler Temp.

# **SGS Sample Receipt Summary**

Job Number:	JD46798 Client:	GROUNDWATER & I	ENVIRONMENTAL SE	Project: NATIONAL G	RID, DEWEY AVENUE SERVI
Date / Time Received:	6/15/2022 10:15:00 AM	Delivery Method:	FEDEX	Airbill #'s:	
. ,	asured) °C: Cooler 1: (4.9) rrected) °C: Cooler 1: (4.6)				
Cooler Security  1. Custody Seals Present: 2. Custody Seals Intact:  Cooler Temperature  1. Temp criteria achieved: 2. Cooler temp verification 3. Cooler media: 4. No. Coolers:  Quality Control Present 1. Trip Blank present / cool 2. Trip Blank listed on CO 3. Samples preserved pro	IR Gun	es/Time OK 🔽	1. Sample labels 2. Container labe 3. Sample contain  Sample Integri 1. Sample recvd 2. All containers 3. Condition of sa  Sample Integri 1. Analysis requi 2. Bottles receive	ty - Condition within HT: accounted for: ample:	Y or N  ✓ □  ✓ □  Y or N  ✓ □  Intact  Y or N N/A  ✓ □  V □  V □  V □  V □  V □  V □  V □
4. VOCs headspace free:	<b>Ø</b>		Compositing i     Filtering instru	nstructions clear: uctions clear:	
Test Strip Lot #s:	pH 1-12: 231619	pH 12-	+:203117A	Other: (Specify)	
Comments  SM089-03 Rev. Date 12/7/17					

JD46798: Chain of Custody

Page 2 of 2

5.2

# **Internal Sample Tracking Chronicle**

Groundwater & Environmental Services

Job No:

JD46798

National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY Project No: 0603275-142140-221-1106

Sample Number	Method	Analyzed	Ву	Prepped	Ву	Test Codes
JD46798-1 MW-1-0622	Collected: 13-JUN-22	13:00 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-1	EPA 608.3	29-JUN-22 04:36	CP	17-JUN-22	KH	P608PCBLL
JD46798-2 MW-6-0622	Collected: 13-JUN-22	11:20 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-2	EPA 608.3	23-JUN-22 16:07	CL	17-JUN-22	КН	P608PCBLL
JD46798-3 MW-9-0622	Collected: 13-JUN-22	10:40 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-3	EPA 608.3	29-JUN-22 04:19	CP	17-JUN-22	KH	P608PCBLL
JD46798-4 MW-11-062	Collected: 13-JUN-22	10:00 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-4	EPA 608.3	22-JUN-22 23:32	CL	17-JUN-22	KH	P608PCBLL
JD46798-5 MW-12-062	Collected: 13-JUN-22 (	09:15 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-5	EPA 608.3	22-JUN-22 23:48	CL	17-JUN-22	KH	P608PCBLL
JD46798-6 MW-20-062	Collected: 14-JUN-22 (	08:30 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-6	EPA 608.3	23-JUN-22 00:05	CL	17-JUN-22	KH	P608PCBLL
JD46798-7 MW-21-062	Collected: 14-JUN-22 (	09:15 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-7	EPA 608.3	27-JUN-22 18:19	CL	17-JUN-22	KH	P608PCBLL
JD46798-8 MW-24-062	Collected: 14-JUN-22 (	07:45 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-8	EPA 608.3	27-JUN-22 18:35	CL	17-JUN-22	КН	P608PCBLL

# **Internal Sample Tracking Chronicle**

Groundwater & Environmental Services

Job No:

JD46798

National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY Project No: 0603275-142140-221-1106

Sample Number	Method	Analyzed	Ву	Prepped	Ву	Test Codes
	Collected: 13-JUN-22 ( PLICATE-0622	00:00 By:	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-9	EPA 608.3	23-JUN-22 00:54	CL	17-JUN-22	КН	P608PCBLL
JD46798-10 MW-16-062	Collected: 13-JUN-22	14:00 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-10	SW846 8260D	21-JUN-22 22:00	BK			V8260TCL20
JD46798-11 TRIP BLAN	Collected: 14-JUN-22 ( NK	9:15 By: TB	Receiv	ed: 15-JUN-	22 By:	KG
JD46798-11	SW846 8260D	21-JUN-22 17:13	BK			V8260TCL20

Page 1 of 4

# **SGS Internal Chain of Custody**

**Job Number:** JD46798

Account: GESNY Groundwater & Environmental Services

Project: National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

**Received:** 06/15/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD46798-1.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD40/96-1.1	Kama Sancis	Secured Storage	00/10/22 14.18	Keturn to Storage
JD46798-1.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-1.2	Secured Storage	Dave Hunkele	06/17/22 06:15	Retrieve from Storage
JD46798-1.2	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-1.2	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-1.2	Edward Rue		06/20/22 07:47	Depleted
JD46798-1.2.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-1.2
JD46798-1.2.1	Organics Prep	Kaleigh Hourahan		Extract from JD46798-1.2
JD46798-1.2.1	Kaleigh Hourahan	Extract Storage		Return to Storage
JD46798-1.2.1	Extract Storage	Chorngli Lee		Retrieve from Storage
JD46798-1.2.1	Chorngli Lee	GC2G		Load on Instrument
JD46798-2.1	Rania Salters	Secured Storage	06/16/22 14:18	Daturn to Starage
		Dave Hunkele		Return to Storage
JD46798-2.1 JD46798-2.1	Secured Storage Dave Hunkele			Retrieve from Storage
		Secured Staging Area Edward Rue		Return to Storage
JD46798-2.1	Secured Staging Area	Edward Rue		Retrieve from Storage
JD46798-2.1	Edward Rue		06/20/22 07:47	Depleted
JD46798-2.1.1	Edward Rue	Organics Prep		Extract from JD46798-2.1
JD46798-2.1.1	Organics Prep	Kaleigh Hourahan		Extract from JD46798-2.1
JD46798-2.1.1	Kaleigh Hourahan	Extract Storage		Return to Storage
JD46798-2.1.1	Extract Storage	Chorngli Lee		Retrieve from Storage
JD46798-2.1.1	Chorngli Lee	GC2G	06/22/22 18:14	Load on Instrument
JD46798-2.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-2.3	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-2.4	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-2.4	Secured Storage	Dave Hunkele	06/17/22 06:15	Retrieve from Storage
JD46798-2.4	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-2.4	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-2.4	Edward Rue		06/20/22 07:47	Depleted
JD46798-2.5	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-2.6	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-2.6	Secured Storage	Dave Hunkele	06/17/22 06:15	Retrieve from Storage
JD46798-2.6	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-2.6	Secured Staging Area	Edward Rue		Retrieve from Storage
JD46798-2.6	Edward Rue		06/20/22 07:47	_

# **SGS Internal Chain of Custody**

Job Number: JD46798

**Account:** GESNY Groundwater & Environmental Services

**Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

Received: 06/15/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD46798-3.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-3.2	Rania Salters	Secured Storage		Return to Storage
JD46798-3.2	Secured Storage	Dave Hunkele	06/17/22 06:15	Retrieve from Storage
JD46798-3.2	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-3.2	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-3.2	Edward Rue		06/20/22 07:47	Depleted
JD46798-3.2.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-3.2
JD46798-3.2.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-3.2
JD46798-3.2.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-3.2.1	Extract Storage	Chorngli Lee	06/22/22 18:14	Retrieve from Storage
JD46798-3.2.1	Chorngli Lee	GC2G	06/22/22 18:14	Load on Instrument
JD46798-4.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-4.1	Secured Storage	Dave Hunkele		Retrieve from Storage
JD46798-4.1	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-4.1	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-4.1	Edward Rue		06/20/22 07:47	_
JD46798-4.1.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-4.1
JD46798-4.1.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-4.1
JD46798-4.1.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-4.1.1	Extract Storage	Chorngli Lee		Retrieve from Storage
JD46798-4.1.1	Chorngli Lee	GC2G		Load on Instrument
JD46798-4.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-5.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-5.1	Secured Storage	Dave Hunkele	06/17/22 06:15	Retrieve from Storage
JD46798-5.1	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-5.1	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-5.1	Edward Rue		06/20/22 07:47	Depleted
JD46798-5.1.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-5.1
JD46798-5.1.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-5.1
JD46798-5.1.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-5.1.1	Extract Storage	Chorngli Lee	06/22/22 18:14	Retrieve from Storage
JD46798-5.1.1	Chorngli Lee	GC2G		Load on Instrument
JD46798-5.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-6.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-6.1	Secured Storage	Dave Hunkele		Retrieve from Storage
	, and the second			Ž

Page 3 of 4

# **SGS Internal Chain of Custody**

Job Number: JD46798

**Account:** GESNY Groundwater & Environmental Services

**Project:** National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

Received: 06/15/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD46798-6.1	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-6.1	Secured Staging Area	Edward Rue		Retrieve from Storage
JD46798-6.1	Edward Rue		06/20/22 07:47	
JD46798-6.1.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-6.1
JD46798-6.1.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-6.1
JD46798-6.1.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-6.1.1	Extract Storage	Chorngli Lee		Retrieve from Storage
JD46798-6.1.1	Chorngli Lee	GC2G		Load on Instrument
JD46798-6.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-7.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-7.1	Secured Storage	Dave Hunkele		Retrieve from Storage
JD46798-7.1	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-7.1	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-7.1	Edward Rue		06/20/22 07:47	Depleted
JD46798-7.1.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-7.1
JD46798-7.1.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-7.1
JD46798-7.1.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-7.1.1	Extract Storage	Chorngli Lee	06/22/22 18:14	Retrieve from Storage
JD46798-7.1.1	Chorngli Lee	GC2G	06/22/22 18:14	Load on Instrument
JD46798-7.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-8.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-8.2	Rania Salters	Secured Storage		Return to Storage
JD46798-8.2	Secured Storage	Dave Hunkele		Retrieve from Storage
JD46798-8.2	Dave Hunkele	Secured Staging Area		Return to Storage
JD46798-8.2	Secured Staging Area	Edward Rue	06/17/22 07:23	Retrieve from Storage
JD46798-8.2	Edward Rue		06/20/22 07:47	Depleted
JD46798-8.2.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-8.2
JD46798-8.2.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-8.2
JD46798-8.2.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-8.2.1	Extract Storage	Chorngli Lee	06/22/22 18:14	Retrieve from Storage
JD46798-8.2.1	Chorngli Lee	GC2G	06/22/22 18:14	Load on Instrument
JD46798-9.1	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-9.2	Rania Salters	Secured Storage	06/16/22 14:18	Return to Storage
JD46798-9.2	Secured Storage	Dave Hunkele		Retrieve from Storage

Page 4 of 4

# **SGS Internal Chain of Custody**

Job Number: JD46798

Account: GESNY Groundwater & Environmental Services

Project: National Grid, Dewey Avenue Service Center 144 Kensington Ave, Buffalo, NY

**Received:** 06/15/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD46798-9.2	Dave Hunkele	Secured Staging Area	06/17/22 07:03	Return to Storage
JD46798-9.2	Secured Staging Area	Edward Rue		Retrieve from Storage
JD46798-9.2	Edward Rue		06/20/22 07:47	Depleted
JD46798-9.2.1	Edward Rue	Organics Prep	06/17/22 08:57	Extract from JD46798-9.2
JD46798-9.2.1	Organics Prep	Kaleigh Hourahan	06/18/22 13:18	Extract from JD46798-9.2
JD46798-9.2.1	Kaleigh Hourahan	Extract Storage	06/18/22 13:18	Return to Storage
JD46798-9.2.1	Extract Storage	Chorngli Lee	06/22/22 18:14	Retrieve from Storage
JD46798-9.2.1	Chorngli Lee	GC2G	06/22/22 18:14	Load on Instrument
JD46798-10.1	Rania Salters	Secured Storage	06/16/22 13:33	Return to Storage
JD46798-10.1	Secured Storage	Taylor Sauter	06/18/22 17:52	Retrieve from Storage
JD46798-10.1	Taylor Sauter	GCMS2V	06/18/22 17:52	Load on Instrument
JD46798-10.1	GCMS2V	Nicholas Weigand	06/20/22 17:29	Unload from Instrument
JD46798-10.1	Nicholas Weigand	Secured Storage	06/20/22 17:29	Return to Storage
JD46798-10.1	Secured Storage	Kyle McKeon	06/21/22 14:41	Retrieve from Storage
JD46798-10.1	Kyle McKeon	GCMS4D	06/21/22 14:41	Load on Instrument
JD46798-10.1	GCMS4D	Kyle McKeon	06/22/22 10:25	Unload from Instrument
JD46798-10.1	Kyle McKeon	Secured Storage	06/22/22 10:25	Return to Storage
JD46798-10.2	Rania Salters	Secured Storage	06/16/22 13:33	Return to Storage
JD46798-10.3	Rania Salters	Secured Storage	06/16/22 13:33	Return to Storage
JD46798-11.1	Rania Salters	Secured Storage		Return to Storage
JD46798-11.1	Secured Storage	Taylor Sauter	06/18/22 17:52	Retrieve from Storage
JD46798-11.1	Taylor Sauter	GCMS2V	06/18/22 17:52	Load on Instrument
JD46798-11.1	GCMS2V	Nicholas Weigand	06/20/22 17:29	Unload from Instrument
JD46798-11.1	Nicholas Weigand	Secured Storage	06/20/22 17:29	Return to Storage
JD46798-11.1	Secured Storage	Kyle McKeon	06/21/22 14:41	Retrieve from Storage
JD46798-11.1	Kyle McKeon	GCMS4D		Load on Instrument
JD46798-11.1	GCMS4D	Kyle McKeon	06/22/22 10:25	Unload from Instrument
JD46798-11.1	Kyle McKeon	Secured Storage	06/22/22 10:25	Return to Storage
JD46798-11.2	Rania Salters	Secured Storage	06/16/22 13:33	Return to Storage



# MS Volatiles

Dayton, NJ

# QC Data Summaries

# Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports



# Appendix D – Site Inspection Forms - 2022

# Site Inspection Form Dewey Ave Service Center 144 Kensington Ave Buffalo, New York

Date:	3/3/2022	144 Kensington
echnician:	ТВ	Buffalo, New Yo

Time:	10:00
Weather:	Partly Sunny 22

Site Wide Inspection						
Have there been any changes to the property since the last inspection?	YES	NO	COMMENTS:			
Evidence of excavation or trenching since last inspection?	YES	NO	COMMENTS:			

Site Monitoring Wells						
Well ID.	Well ID. Location Secure					
ESI-1	YES	NO				
MW-1	YES	NO				
MW-2	YES	NO				
MW-5	YES	NO				
MW-6	YES	NO				
MW-7	YES	NO				
MW-9	YES	NO				
MW-10	YES	NO				
MW-11	YES	NO				
MW-12	YES	NO				

Site Monitoring Wells			
Well ID.	Location Secure		
MW-13	YES	NO	
MW-15	YES	NO	
MW-16	YES	NO	
MW-17	YES	NO	
MW-19	YES	NO	
MW-20	YES	NO	
MW-21	YES	NO	
MW-24	YES	NO	
MW-25	YES	NO	

General Comments/Suggested Action items:

# Site Inspection Form Dewey Ave Service Center 144 Kensington Ave

Date:	6/15/2022	144 Kensington Av
Technician:	ТВ	Buffalo, New York

Time:	9:00	
Weather:	Sunny 75	

Site Wide Inspection			
Have there been any changes to the property since the last inspection?	YES	NO	COMMENTS:
Evidence of excavation or trenching since last inspection?	YES	NO	COMMENTS:

Site Monitoring Wells			
Well ID.	Location Secure		
ESI-1	YES	NO	
MW-1	YES	NO	
MW-2	YES	NO	
MW-5	YES	NO	
MW-6	YES	NO	
MW-7	YES	NO	
MW-9	YES	NO	
MW-10	YES	NO	
MW-11	YES	NO	
MW-12	YES NO		

Site Monitoring Wells			
Well ID.	Location Secure		
MW-13	YES	NO	
MW-15	YES	NO	
MW-16	YES	NO	
MW-17	YES	NO	
MW-19	YES	NO	
MW-20	YES	NO	
MW-21	YES	NO	
MW-24	YES	NO	
MW-25	YES	NO	

# General Comments/Suggested Action items:

Replaced the manways to MW-6, MW-20, MW-21 and MW-24.

Installed on June 14, 2022 covered with steel road plates overnight to let the concrete cure.

Removed the steel road plates on June 15, 2022.

# Site Inspection Form Dewey Ave Service Center 144 Kensington Ave

Date:	9/21/2022	144 Kensington Ave
Technician:	ТВ	Buffalo, New York

Time:	8:45	
Weather:	Partly Sunny 69	

Site Wide Inspection			
Have there been any changes to the property since the last inspection?	YES	NO	COMMENTS:
Evidence of excavation or trenching since last inspection?	YES	NO	COMMENTS:

Site Monitoring Wells			
Well ID.	Location Secure		
ESI-1	YES	NO	
MW-1	YES	NO	
MW-2	YES	NO	
MW-5	YES	NO	
MW-6	YES	NO	
MW-7	YES	NO	
MW-9	YES	NO	
MW-10	YES	NO	
MW-11	YES	NO	
MW-12	YES NO		

Site Monitoring Wells			
Well ID.	Location Secure		
MW-13	YES	NO	
MW-15	YES	NO	
MW-16	YES	NO	
MW-17	YES	NO	
MW-19	YES	NO	
MW-20	YES	NO	
MW-21	YES	NO	
MW-24	YES	NO	
MW-25	YES	NO	

# General Comments/Suggested Action items:

Pothole patching on site.

Manways MW-6, MW-20, MW-21 and MW-24 that were replaced in June looked good.